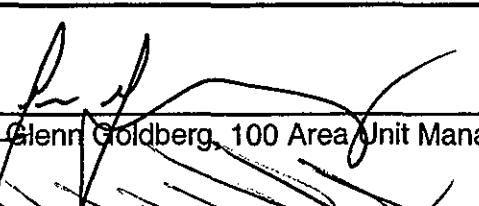
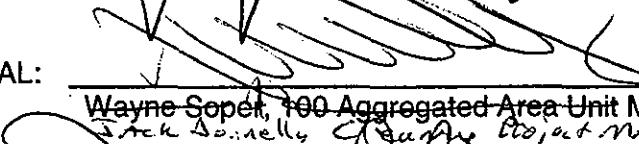


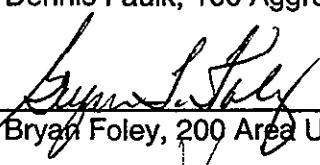
Meeting Minutes Transmittal/Approval
Unit Managers' Meeting
Remedial Action and Waste Disposal Unit/Source Operable Unit
3350 George Washington Way, Richland, Washington
February 1999

0051898

FROM/APPROVAL:  Date 1/22/99
Glenn Goldberg, 100 Area Unit Manager, RL (H0-12)

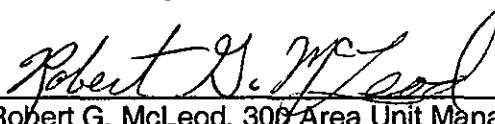
APPROVAL:  Date 8/19/99
Wayne Soper, 100 Aggregated Area Unit Manager, Ecology (B5-18)
Jack Donnelly, Cleanup Project Manager

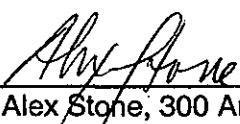
APPROVAL:  Date 7-22-99
Dennis Faulk, 100 Aggregate Area Unit Manager, EPA (B5-01)

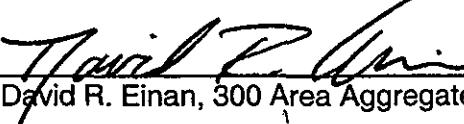
APPROVAL:  Date 8/18/99
Bryan Foley, 200 Area Unit Manager, RL (H0-12)

APPROVAL: N/A See above Date N/A
Joan Bartz/Shri Mohan, 200 Area Aggregate Area Unit Managers, Ecology (B5-18)

APPROVAL: N/A see above Date N/A
Ted A. Wooley, 200-B Area Project Manager, Ecology (B5-18)

APPROVAL:  Date 5-20-99
Robert G. McLeod, 300 Area Unit Manager, RL (H0-12)

APPROVAL:  Date 8-24-99
Alex Stone, 300 Area Project Manager, WDOE (B5-18)

APPROVAL:  Date 20 May 99
David R. Einan, 300 Area Aggregated Unit Manager, EPA (B5-01)

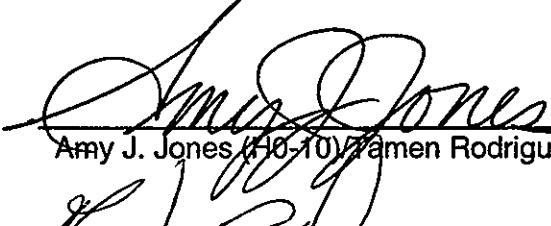
APPROVAL: N/A Date N/A
Ted A. Wooley, 300 Area Process Trenches Subproject Manager, Ecology (B5-18)



Meeting minutes are attached. Minutes are comprised of the following:

- | | | |
|----------------------|----|---|
| Attachment #1a and b | -- | Agendas |
| Attachment #2 | -- | Attendance Record |
| Attachment #3 | -- | Meeting Minutes |
| Attachment #4 | -- | 100 Area Waste Sites Table - Draft |
| Attachment #5 | -- | Fiscal Year 1999 Milestone Status Report |
| Attachment #6 | -- | 100 Area Candidate Hexavalent Chromium Soil Sites |
| Attachment #7 | -- | Inclusion of Proximity Sites 100-D-52 and 116-B-16 for Remedial Action – DOE Letter, CCN 047956 |
| Attachment #8 | -- | 116-D-7 Cr(VI) Update and 100 D Area Vadose Zone Characterization – Meeting Minutes |
| Attachment #9 | -- | February 17, 1999 letter from DOH to EPA |
| Attachment #10 | -- | 116-DR-1/116-DR-2 Boring Plot Plans and 3-D View |

Prepared by:


Amy J. Jones (H0-10) / Carmen Rodriguez (H0-17)

Date

9/9/99

Concurrence by:


Vern Dronen, BHI Remedial Action and Waste Disposal Project Manager (H0-17)

Date

9/13/99

UNIT MANAGERS' MEETING AGENDA

3350 George Washington Way, Room 2A01
February 24, 1999

072370

1:00 to 3:00 p.m. -- 100 Area

- Example of Waste Site Index List (site names/numbers, ROD, RDR/RAWP, SAP, volumes, etc.)
- Status of 100 Area Upcoming Tri-Party Agreement Milestones
- Reactor Legacy Waste (John Sands)
- Discussion Regarding the February 10, 1999, Public Workshop
- Status of RODs
- Status of Burial Ground FFS

100 Area Remedial Action

- RARA Pipe Work at K-West/K-East/100-F Area (Tom Ferns)
- Hydrogen Sulfide In-Situ Treatment Technology Proposed Demonstration
- PCB Cleanup Levels
- Split Sample Data
- Closeout Verification Packages - Status
- 116-B-16 Inclusion as a Proximity Site
- Status of Cr⁶⁺ Remedial Action at 100-D Area and 116-DR-1/116-DR-2 Vadose Zone Characterization
- Status of
- Cr⁶⁺ Kd/Leachability Test Plan
- Group 4 (100-H Area) Remedial Action Start Up

UNIT MANAGERS' MEETING AGENDA

3350 George Washington Way, Room 2A01

February 12, 1999

1:00 to 3:00 p.m. -- 300 Area

300-FF-1 OU Remedial Action

- North Process Pond Remediation Status
- South Process Pong Remediation Status
- Landfill 1D Lead Contaminated Soils Waiver
- Disposal of Liquid Wastes to ETF
- TPA Milestone Revision
- 618-4 Burial Ground Drummed Waste Treatment and Disposal Plan Review

Remedial Action and Waste Disposal Unit Managers' Meeting
Official Attendance Record – 100 Areas
February 24, 1999

Please print clearly and use black ink

PRINTED NAME	ORGANIZATION	O.U. ROLE	TELEPHONE
Frank Corpuz	BHI	Engineering	373-1661
Jon Famher	ERC	Site Closeouts	
Dennis Faulk	EPA	RPM	376-8631
Pamela Innis	EPA	RPM	376-4919
Kevin Singleton	CHI	waste site info	375-3444
Alvin Langstaff	ERC	Task Lead	373-5876
Wayne Soper	Ecology	O Area	736-3049
Glenn Goldberg	DOE	Proj. Manager	376-9552
Tom Ferns	DOE	Proj. Manager	372-0649
Chris Kemp	BHT	Environmental Lead	373-6926
Trish Donahue	BHT	Task Lead	372-9565
Ella Coenenberg	ERC / CHI	Task Lead	372-9303
Ken Kraemer	BHT	Project Control	372-9637
Candy Moore	BHI	Project Control	373-5868

**Remedial Action and Waste Disposal Unit Managers' Meeting
Official Attendance Record – 300 Area
March 18, 1999**

Please print clearly and use black ink

**MEETING MINUTES
REMEDIAL ACTION AND WASTE DISPOSAL
UNIT MANAGERS' MEETING -- 100 AREA
February 24, 1999**

Attendees: See Attachment #2a.

Agenda: See Attachment #1a.

Topics of Discussion:

100 Area Assessment

1. Example of Waste Site Index List – A draft copy of the 100 Area waste sites index list has been completed and was handed out (see Attachment #4). There are a total of 497 waste sites in the list, including Groups 1 through 7 and all the 100-N sites. The list will be updated quarterly with field input and all proposed changes should be directed to Kevin Singleton (CHI).
2. Status of 100 Area Upcoming Tri-Party Agreement Milestones – A milestone status report was handed out (see Attachment #5) in which three milestones have been identified as “unrecoverable.” After a discussion of the three unrecoverable milestones, EPA reminded BHI that any requests for a date change would require justification and a 110-day notice. EPA requested that BHI submit a report documenting the need for a milestone date change for the 100-BC-1 Area, due to scope growth.
3. Reactor Legacy Waste (John Sands) – During a walkdown of the B Reactor on 2/23/99 with USEPA and DOE-RL, it was noted that a significant amount of tools previously identified as legacy waste were to be saved for the B Reactor museum rather than removed and disposed. EPA has received the SAP concerning B Reactor waste and will review it next week (March 1-5). BHI intends to start work in the first week of April 1999.
4. Discussion Regarding the February 10, 1999, Public Workshop – BHI expressed concern that RL was misrepresented in the public workshop as not having done a proper job. EPA felt that BHI's concern, while valid, did not diminish the overall success of the workshop. Ecology suggested that the unit managers should address the misrepresentation as a unified group prior to the next workshop. No plan of action was decided.
5. Status of RODs – EPA reported that Judy Schwartz's (EPA) review of the two 100-N Area RODs is complete. While Judy was pleased overall, the RODs were found to be weak on risk information and require example sites. Also, institutional controls will need to be enhanced/expanded in future RODs. Comments on the institutional controls issue are expected from Legal by the first week of March. Although Legal is not finished with the 100-N Area RODs, EPA expects to meet the SCAP date for the 100-N Area RODs at the end of March. The Remaining Sites RODs are due by the end of May, and EPA stated that none of the RODs should hold up any SAPs.

6. Status of the Burial Ground FFS – BHI is expected to transmit the Burial Ground FFS to DOE next week (March 1-5). After reviewing the FFS (internal and Legal), DOE will forward it to EPA. DOE stated that the FFS will not be changed and will be proceeding as is, per a discussion in the January UMM.

100 Area Remedial Action

1. RARA Pipe Work at K-West/K-East/100-F Area (Tom Ferns) – The question was raised whether fugitive emissions from pipe cutting are subject to WAC 173-400 and WAC 173-460. It was noted that the pipe cutting is CERCLA work and that WAC 173-400 and WAC 173-460 are not listed as ARARs in the 100 Area ROD and ROD Amendment. BHI requested that EPA clarify which regulations (in general) apply to pipe cutting which is being conducted under CERCLA.

Addressing a topic not included on the agenda, EPA formally requested that BHI take action to discover who is responsible for cleanup of the outfall structures and when this cleanup is scheduled to commence. BHI agreed to report back at the next 100 Area UMM.

2. Hydrogen Sulfide In-Situ Treatment Technology Proposed Demonstration – Ed Thornton conducted successful H₂S technology tests in White Sands. It is being proposed that a demonstration of this technology be performed at the Hanford Site. Ecology has received a report on the proposal and it is under review. A table of potential demonstration sites was handed out (see Attachment #6) and the viability of these sites was discussed. The schedule for the selection of a demo site is April 1, 1999. The technical task plan (TTP) is for FY99, with action included in FY00, and it will cover limited characterization. It was determined that there was not enough information for the unit managers to endorse or deny the proposal for an H₂S technology demonstration, but that the proposal should be submitted at the next STCG meeting for further consideration.
3. PCB Cleanup Levels – A decision on the handout (re: basis for increasing PCB levels to 0.5) provided at the January UMM was delayed until the March UMM, pending the submittal of comments.
4. Split Sample Data – BHI requested comments on the split sample data handout provided at the January UMM. EPA and Ecology requested more time to review the handout. It was decided that the handout would be re-addressed at the March UMM.
5. Closeout Verification Packages – Status – Five 100-D Area small site CVPs have been completed and BHI has provided Ecology and EPA with copies for review. The CVPs are for the following WIDS sites: 100-D-4 (old 107-D5), 100-D-20 (old 107-D3), 100-D-21 (old 107-2), 100-D-22 (old 107-D1), and 1607-D2:1 (old 1602-D2 abandoned tile field).
6. 116-B-16 Inclusion as a Proximity Site – EPA has approved 116-B-16 as a proximity site to B-6A, as requested by DOE in a 7/7/97 letter to EPA and Ecology (see Attachment #7).

7. Status of Cr⁶⁺ Remedial Action at 100-D Area, 116-DR-1, and 116-DR-2 Vadose Zone Characterization – BHI provided the minutes to a meeting held with DOE and Ecology on 2/4/99 (see Attachment #8). The subjects of this meeting were updates on 116-D-7 Cr(IV) and 100-D Area vadose zone characterizations. The handout was summarized and discussed. No comments or exceptions were made.

Regarding the 116-DR-1/116-DR-2 vadose zone characterization boring, plot plans and a 3-D view of the waste site were provided to Ecology (see Attachment #9). As presently planned, the vadose characterization boring will be located at or near Hanford coordinate 152330N and 573963E, in the vicinity of the highest Eu-152 concentrations (500 pCi/g). This location is immediately adjacent to the 12-in. diameter steel effluent inlet pipes to 116-DR-1 and 116-DR-2. Meeting to discuss further details on the vadose boring will be held with Ecology and DOE at a later date. Ecology took no exception to the method of selection for borehole location.

8. Cr⁶⁺ Kd/Leachability Test Plan – By the end of next week (March 1-5), BHI is expected to provide EPA and Ecology a final draft of the Cr⁶⁺ Kd/Leachability Test Plan for review and comment. EPA requested two hard copies of the test plan from DOE.
9. Group 4 (100-H Area) Remedial Action Start Up – Air monitors are operational, and commencement of remedial action excavation is forthcoming. Upcoming activities include a dry run and a formal Readiness Assessment with DOE and BHI management, prior to commencement of the work.
10. Other – EPA provided a copy of a February 17, 1999 letter from the State of Washington Department of Health (DOH) to EPA, regarding DOH's concurrence with the discontinuation of environmental air sampling in the 100 B/C Area (see Attachment #10). This action is a result of the completion of remediation of former liquid waste sites in this area. DOH requested that the environmental air samplers be restarted when pipeline remediation in the area is started.

**MEETING MINUTES
REMEDIAL ACTION AND WASTE DISPOSAL
UNIT MANAGERS' MEETING -- 200 AREA
February 24, 1999**

Attendees:

Agenda:

Topics of Discussion:

No meeting was held.

**MEETING MINUTES
REMEDIAL ACTION AND WASTE DISPOSAL
UNIT MANAGERS' MEETING -- 300 AREA
February 12, 1999**

Attendees: See Attachment #2b.

Agenda: See Attachment #1b.

Topics of Discussion:

1. North Process Pond Remediation Status – Negotiation of unit rates with the remedial action subcontractor for quantities above the subcontract estimated quantities are moving forward. Work has been temporarily halted in the North Process Pond until new rates are determined. Work remaining in the pond includes loading for disposal of several stockpiles in the central portion of the pond and excavation and disposal of a small area in the pond's northeast corner.
2. South Process Pond Remediation Status -- Excavation of the South Process Pond is underway. A plan for addressing raw water line and filter backwash pond overflow lines in the south berm of the pond was discussed. A raw water line reroute design is underway, which provides the option to route the line south into the ash pits if necessary. The current plan is to cut and cap the overflow line because the filter backwash pond is no longer active. It was requested that as soon as the field screening analysis is completed, the information be presented to EPA.
3. Landfill 1D Lead-Contaminated Soils Waiver -- A waiver is being worked at Region X in Seattle for the lead-contaminated soil stockpile in Landfill 1D. EPA plans to request cost information related to the following options for addressing the lead contaminated soils: (1) sort and ship debris to ERDF and leave soil in place, (2) treat and dispose at ERDF, and (3) obtain treatment variance and dispose at ERDF. An EPA letter approving treating the lead-contaminated soil stored in RCIE boxes at the ERDF will be issued shortly.
4. Disposal of Liquid Wastes to ETF -- Dave Einan (EPA) was unable to reach the appropriate party at Ecology to close this issue. After the discussion is held, Dave will send an E-mail with the conclusions.
5. TPA Milestone Revision -- DOE has submitted a formal TPA change request to EPA to delete Milestone M-16-03D and create two new milestones. M-16-03E would address all 300-FF-1 remediation except the 618-4 Burial Ground and M-16-03F would address remediation of the Burial Ground, including treatment/disposal of the uranium drums. Dave Einan (EPA) had an opportunity to review the request and indicated that the elements contributing to the project delays appear reasonable. There was some discussion regarding the 9 months of float time on the end of the schedule for new milestone M-16-03E. It was agreed that some level of float time is appropriate based on lessons learned. EPA agreed that the completion date for the Burial Ground M-16-03F should be left as "to be determined." There was discussion that EPA needs to respond to the change request within 14 days of receipt per the TPA, or the change request will

be automatically denied. If this happens, DOE will have 30 days in which to initiate the dispute resolution process.

6. 618-4 Burial Ground Drummed Waste Treatment and Disposal Plan Review -- The status of the draft *Treatment/Disposal Plan for Drummed Waste from the 300-FF-1 Operable Unit, 618-4 Burial Ground*, was discussed. The draft will be distributed for review in approximately one week. The plan examines possible treatment alternatives and focuses on several potentially viable technologies. There are regulatory issues that affect the decision making process. The document includes a schedule based on the current DWP with key decision points that affect technology selection

100 AREA WASTE SITES

Group 1

Design Group	Area	Operable Unit	Location Site Name	Code	SAP Name	RA ROD Name	Type of Waste	Current Status	Current Estimated Baseline Volume	RA ROD Waste Volume	Post RA Waste Volume	Design Waste Volume	RA ROD Proposed Plan	Record of Decision	Sampling and Analysis Plan	RDR/RA Work Plan	Subcontractor	Meeting Minutes	Last Classification	Comments				
1.1	100 C	100-BC-1	116-C-1 Process Effluent Trench	116-C-1	116-C-1 Process Effluent Trench, 116-C-1 Trench	116-C-1 Process Effluent Trench	107-C Liquid Waste Disposal Trench, 116-C-1 Process Effluent Disposal Trench	Trench	Liquid	Complete	Approved		31,441 CM	31,957 LCM	49,752 LCM	33,229 LCM	DOE/RL-94-61, Rev 0 / DOE/RL-94-99, Rev 0.	September 1995, Amended March 1997	DOE/RL-96-22, Rev I	DOE/RL-96-17, Rev I	0100C-SC-G0004, Envirocon	Meeting Minutes 017723 and 061420	BHI-00441, Rev I	11-Feb-99
2.1	100 C	100-BC-1	116-C-5 Retention Basin	116-C-5	116-C-5 Retention Basin, 116-C-5 Retention Basins	116-C-5 Retention Basin	107-C Retention Basin	Retention Basin	Liquid	Remedial Action: plume chasing	Draft in process		145,210 CM	83,154 LCM	see final close out pack.	104,113 LCM	DOE/RL-94-61, Rev 0 / DOE/RL-94-99, Rev 0.	September 1995, Amended March 1997	DOE/RL-96-22, Rev I	DOE/RL-96-17, Rev I	0100C-SC-G0004, Envirocon	DOH to DOE 032924; Meeting Minutes 061420	BHI-00441, Rev I	11-Feb-99
3.1	100 B	100-BC-1	116-B-14 Sludge Trench	116-B-14	116-B-14 Sludge Trench, 116-B-14 Trench	116-B-14 Sludge Trench	107-B North Sludge Trench, 107-B Liquid Waste Disposal Trench No. 1, 116-B-2, 107-B #1 Grave.	Trench	Liquid	Remedial Action: excavating complete.	N/A @ this time.		439 CM	530 LCM	see final close out pack.	1,822 LCM	DOE/RL-94-61, Rev 0 / DOE/RL-94-99, Rev 0.	September 1995, Amended March 1997	DOE/RL-96-22, Rev I	DOE/RL-96-17, Rev I	0100C-SC-G0004, Envirocon	DOH to DOE 032924; Meeting Minutes 061420	BHI-00441, Rev I	11-Feb-99
4.1	100 B	100-BC-1	116-B-13 Sludge Trench	116-B-13	116-B-13 Sludge Trench, 116-B-13 Trench	116-B-13 Sludge Trench	107-B South Sludge Trench, 107-B 116-B-8, 107-B #2 Grave, Basin Sludge Burial Pit	Trench	Liquid	Remedial Action: excavating	N/A @ this time.		924 CM	1,066 LCM	see final close out pack.	1,699 LCM	DOE/RL-94-61, Rev 0 / DOE/RL-94-99, Rev 0.	September 1995, Amended March 1997	DOE/RL-96-22, Rev I	DOE/RL-96-17, Rev I	0100C-SC-G0004, Envirocon	DOH to DOE 032924; Meeting Minutes 061420	BHI-00441, Rev I	11-Feb-99
5.1	100 B	100-BC-1	116-B-1 Process Effluent Trench	116-B-1	116-B-1 Process Effluent Trench, 116-B-1 Trench	116-B-1 Process Effluent Trench	107-B Liquid Waste Disposal Trench, 116-B-1 Process Effluent Disposal Trench	Trench	Liquid and Solid	Remedial Action: excavating	N/A @ this time.		3,001 CM	10,211 LCM	see final close out pack.	12,201 LCM	DOE/RL-94-61, Rev 0 / DOE/RL-94-99, Rev 0.	September 1995, Amended March 1997	DOE/RL-96-22, Rev I	DOE/RL-96-17, Rev I	0100C-SC-G0004, Envirocon	DOH to DOE 032924; Meeting Minutes 061420	BHI-00441, Rev I	11-Feb-99
6.1	100 B	100-BC-1	116-B-11 Retention Basin	116-B-11	116-B-11 Retention Basin	116-B-11 Retention Basin	107-B Retention Basin, Retention Basin	Retention Basin	Liquid	Remedial Action: excavating	N/A @ this time.		118,835 CM	63,018 LCM	see final close out pack.	71,792 LCM	DOE/RL-94-61, Rev 0 / DOE/RL-94-99, Rev 0.	September 1995, Amended March 1997	DOE/RL-96-22, Rev I	DOE/RL-96-17, Rev I	0100C-SC-G0004, Envirocon	DOH to DOE 032924; Meeting Minutes 061420	BHI-00441, Rev I	11-Feb-99
7 and 8.1	100B/C	100-BC-1	100B/C Area Underground Process Effluent Pipelines North of B Avenue	100-B-8 and 100-C-6	Process Effluent Pipelines(100-B-8 and 100-C-6)	100-BC Buried Process Effluent Pipelines	100-BC Pipelines(SAP), 100B/C Buried Pipeline (ROD), Process Effluent Pipelines, 100 B/C Reactor Water Cooling Water Effluent, Underground, Pipelines (FFS).	Pipeline	Liquid	Remedial Action: excavating	N/A @ this time.		302,973 CM (1,748 LCM (6533 M long))	6533 M long	Not reported on calculation sheet.	DOE/RL-94-61, Rev 0 / DOE/RL-94-99, Rev 0.	September 1995, Amended March 1997	DOE/RL-96-22, Rev I	DOE/RL-96-17, Rev I	0100C-SC-G0004, Envirocon	Meeting Minutes 061420; minutes not approved.	BHI-00441, Rev I	11-Feb-99	

DRAFT**100 AREA WASTE SITES****Group 2**

ID	Area	Operable Unit	Common Site Name	WIDS Site Code	SAP Name	TRA ROD Name	Alt SAP Name	Type	Containment	Containment	Capping	Packaging	Current Estimated Baseline Volume	TRA ROD Waste Volume	RDR/RAW Waste Volume App A	Post RA Waste Volume	Decommissioning Waste Volume	RA/Proposed Plan Name	Record of Decision	Analysis Plan	RDR/RAW Waste Volume App B	Meeting minutes	Hazardous Classification	Date Monitored	Comments	
								Waste Type	Waste Type	Waste Type	Waste Type	Waste Type	Waste Type	Waste Type	Waste Type	Waste Type	Waste Type	Waste Type	Waste Type	Waste Type	Waste Type	Waste Type	Waste Type	Waste Type	Waste Type	Waste Type
1 2	100 D	100-DR-1	107-D3 Sludge Disposal Trench	100-D-4	107 D/DR #5 Sludge Trench, 100-D-4 Sludge Trench,	107 D/DR Sludge Disposal Trench 5	107 D Sludge Trench # 5, 107-D5, 107-D-5, 107-D5 Sludge Disposal Trench, 100-D-4 Sludge Trench #5, 107-DR Sludge Trench #5.	Trench	Liquid	Remedial Action: excavating complete.	Draft in process			2,005 CM	423 LCM	see final close out pack.	Not documented on calculation sheet. Volume may be included with 100-D-18	DOE/RL-94-61, Rev 0 / DOE/RL-94-100, Rev 0.	September 1995, Amended March 1997	DOE/RL-96-22, Rev 1	DOE/RL-96-17, Rev 1	0100D-SW-G0003, Rev 4, and 037135	Meeting minutes 061420	BHI-00913, Rev 0	11-Feb-99	
2 2	100 D	100-DR-1	107-D4 Sludge Disposal Trench	100-D-18	107 D/DR #4 Sludge Trench, 100-D-18 Sludge Trench	107 D/DR Sludge Disposal Trench 4, 107 D/DR Sludge Disposal Trench 4	107 D Sludge Trench # 4, 107-D4 Trench, 107-D-4, 107-D4 Sludge Disposal Trench, 100-D-18 Sludge Trench #4	Trench	Solid	Remedial Action: excavating	N/A @ this time.			1,561 CM	720 LCM	see final close out pack.	4,384 LCM	DOE/RL-94-61, Rev 0 / DOE/RL-94-100, Rev 0.	September 1995, Amended March 1997	DOE/RL-96-22, Rev 1	DOE/RL-96-17, Rev 1	0100D-SW-G0003, Rev 4, and 037135	Meeting minutes 061420	BHI-00913, Rev 0	11-Feb-99	
3 2	100 D	100-DR-1	107-D3 Sludge Disposal Trench	100-D-20	107 D/DR #3 Sludge Trench, 100-D-20 Sludge Trench	107 D/DR Sludge Disposal Trench 3	107 D Sludge Trench # 3, 107-D3 Trench, 107-D3 Sludge Disposal Trench, 100-D-20 Sludge Trench #3, 107-D-3, 107-D3.	Trench	Liquid	Remedial Design: complete	N/A @ this time.			2,316 CM	1,334 LCM	see final close out pack.	1,464 LCM	DOE/RL-94-61, Rev 0 / DOE/RL-94-100, Rev 0.	September 1995, Amended March 1997	DOE/RL-96-22, Rev 1	DOE/RL-96-17, Rev 1	0100D-SW-G0003, Rev 4, and 037135	Meeting minutes 061420	BHI-00913, Rev 0	11-Feb-99	
4 2	100 D	100-DR-1	107-D2 Sludge Disposal Trench	100-D-21	107 D/DR #2 Sludge Trench, 100-D-21 Sludge Trench	107 D/DR Sludge Disposal Trench 2	107 D Sludge Trench # 2, 107-D2 Trench, 107-D2, 107-D2 Sludge Disposal Trench, 100-D-21 Sludge Trench #2, 107-DR Sludge Trench # 2, 107-D-2,	Trench	Liquid	Remedial Action: excavating complete.	Draft in process			2,316 CM	1,334 LCM	see final close out pack.	3,011 LCM	DOE/RL-94-61, Rev 0 / DOE/RL-94-100, Rev 0.	September 1995, Amended March 1997	DOE/RL-96-22, Rev 1	DOE/RL-96-17, Rev 1	0100D-SW-G0003, Rev 4, and 037135	Meeting minutes 061420	BHI-00913, Rev 0	11-Feb-99	
5 2	100D	100-DR-1	107-D1 Sludge Disposal Trench	100-D-22	107 D/DR #1 Sludge Trench, 100-D-22 Sludge Trench	107 D/DR Sludge Disposal Trench 1	107 D Sludge Trench # 1, 107-D1 Trench, 107-D1, 107-D1 Sludge Disposal Trench, 100-D-22, Sludge Trench #1, 107-DR Sludge Trench #1, 107-D-1.	Trench	Solid	Remedial Action: excavating complete.	Draft in process			2,316 CM	1,334 LCM	see final close out pack.	4,168 LCM	DOE/RL-94-61, Rev 0 / DOE/RL-94-100, Rev 0.	September 1995, Amended March 1997	DOE/RL-96-22, Rev 1	DOE/RL-96-17, Rev 1	0100D-SW-G0003, Rev 4, and 037135	Meeting minutes 061420	BHI-00913, Rev 0	11-Feb-99	
6 1	100 D	100-DR-1	Field name not reported.	100-D-25	Not in SAP.	Not listed in ROD.	100-D-25, Unplanned Release, 107-DR Basin Leak	Unplanned Release	Liquid	Not in scope.	N/A @ this time.	Not listed.	Not listed.	see final close out pack.	Not reported.	Not in FFS/PP	Not in ROD.	Not in SAP.	Not in RDR/RAWP	?	Meeting minutes 061420 and 037135	Not reported	11-Feb-99	Proximity site per letter 052617		
7 2	100 D	100-DR-1	Field name not reported.	100-D-29	Not in SAP.	Not listed in ROD.	100-D-29, Effluent Line Lean #2	Radioactive Process Sewer	Liquid-Unplanned Release	Not in scope.	N/A @ this time.	Not listed.	Not listed.	see final close out pack.	Not reported on calculation sheet.	Not in FFS/PP	Not in ROD.	Not in SAP.	Not listed.	?	Meeting minutes 061420 and 037135	Not reported	11-Feb-99	WiDS Group 3, solid and liquid waste. Proximity site per letter 052617		
8 2	100 D	100-DR-1	100-DR-1 Underground Effluent Process Pipeline and Miscellaneous Structures North of D Avenue	100-D-49	100-D/DR Process Effluent Pipeline	100 D/DR (pipelines)	100-D-49, 100-DR Reactor Cooling Water Effluent Underground Pipelines	Radioactive Process Sewer	Solid and Liquid	Remedial Action: excavating.	N/A @ this time.	Based on basin profile	TBD during removal	see final close out pack.	Not reported on calculation sheet	DOE/RL-94-61 Rev 0?	September 1995, Amended March 1997	DOE/RL-96-22, Rev 1	DOE/RL-96-17, Rev 1	0100D-SW-G0003, Rev 4, and 037135	Meeting minutes 061420	Not reported.	11-Feb-99			
9 2	100 D	100-DR-1	116-D-7 (107-D) Retention Basin	116-D-7	116-D-7 Retention Basin	116-D-7 Retention Basin, 107 D Retention Basin.	116-D-7 Basins, 116-D-7 Retention Basin, 107-D Retention Basin	Retention Basin	Liquid	Remedial Action: excavating	N/A @ this time.		125,760 CM	39,561 LCM	see final close out pack.	61,781 LCM	DOE/RL-94-61, Rev 0 / DOE/RL-94-100, Rev 0.	September 1995, Amended March 1997	DOE/RL-96-22, Rev 1	DOE/RL-96-17, Rev 1	0100D-SW-G0003, Rev 4, and 037135	Meeting minutes 061420	BHI-00913, Rev 0	11-Feb-99		
10 2	100 D	100-DR-1	116-DR-1 Liquid Waste Disposal Trench	116-DR-1	116-DR-1 Process Effluent Trench	116-DR-1 Liquid Waste Process Effluent Trench	116-DR-1 Liquid Waste Disposal Trench, 107-DR Liquid Waste Disposal #1	Trench	Liquid	Remedial Action: excavating	N/A @ this time.		24,447 CM	25922 LCM	see final close out pack.	10,263 LCM	DOE/RL-94-61, Rev 0 / DOE/RL-94-100, Rev 0.	September 1995, Amended March 1997	DOE/RL-96-22, Rev 1	DOE/RL-96-17, Rev 1	0100D-SW-G0003, Rev 4, and 037135	Meeting minutes 061420	BHI-00913, Rev 0	11-Feb-99		
11 2	100 D	100-DR-1	116-DR-2 Liquid Waste Disposal Trench	116-DR-2	116-DR-2 Process Effluent Trench	116-DR-2 Liquid Waste Process Effluent Trench	116-DR-2 Liquid Waste Disposal Trench, 107-DR Liquid Waste Disposal #2	Trench	Liquid	Remedial Action: excavating	N/A @ this time.		Volume included in 116-DR-1	Volume included in 116-DR-1	see final close out pack.	Volume included in 116-DR-1	DOE/RL-94-61, Rev 0 / DOE/RL-94-100, Rev 0.	September 1995, Amended March 1997	DOE/RL-96-22, Rev 1	DOE/RL-96-17, Rev 1	0100D-SW-G0003, Rev 4, and 037135	Meeting minutes 061420	BHI-00913, Rev 0	11-Feb-99		
12 2	100 D	100-DR-1	116-DR-9 (107-DR) Retention Basin	116-DR-9	116-DR-9 Retention Basin	116-DR-9 Retention Basin, 107 D Process Effluent Retention Basin	116-DR-9 (107-DR) Retention Basin	Retention Basin	Liquid	Remedial Action: excavating complete.	N/A @ this time.		26,0414 CM	46,284 LCM	see final close out pack.	85,572 LCM	DOE/RL-94-61, Rev 0 / DOE/RL-94-100, Rev 0.	September 1995, Amended March 1997	DOE/RL-96-22, Rev 1	DOE/RL-96-17, Rev 1	0100D-SW-G0003, Rev 4, and 037135	Meeting minutes 061420	Not reported	11-Feb-99		

00 AREA WASTE SITES

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Group 2

Design ID	Design Group	Area	Operable Unit	Common Site Name	WIDS Site Code			AP Name	IRA ROD Name	Site Type	Type of Release	Cleanup Package Status	Current Status	Estimated Baseline Volume	IRA ROD Waste Volume	RDR/RA Waste Volume App.	Post RA Waste Volume	Design Waste Volume	TDR/Proposed Plan	Record of Decision	Sampling and Analysis Plan	Remedial Action	RDR/RA Work Plan	SAP	Site Monitoring Plan	Hazard Classification	Date Modified	Comments
					WIDS	Site	Code																					
13 2		100 D	100-DR-1	1607-D2 Septic Tank	1607-D2	1607-D2 Septic System		Not listed in ROD.	1607-D2 Tile Field, 1607-D2 Septic Tank, 1607-D2 Septic Tank and Associated Drain Fields, 124-D-2, 1607-D2 Sanitary Sewer System	Septic Tank	Liquid	Remedial Action: excavating complete.	Draft in process			Not reported.	823 LCM	see final close out pack.	5,423 LCM	Not in FFS/PP	Not listed in ROD.	Not listed in SAP.	DOE/RL-96-17, Rev 1	0100D-SW-G0003, Rev 4, RC1	Application of meeting minutes 061420 and 037135 not clear because of lack of documentation in ROD etc.	Not reported.	11-Feb-99	Proximity site per letter 040464
14 2		100 D	100-DR-1	Not reported in field.	UPR-100-D-2	Not in SAP.	Not listed in ROD.	UPR-100-D-2 Effluent Line Leak #1.	Unplanned Release	Liquid	Not in scope	N/A @ this time.			Not reported.	Not reported.	see final close out pack.	Not reported on calculation sheet	Not in FFS/PP	Not listed in ROD.	Not listed in SAP.	Not in RDR/RAWP	?	Application of meeting minutes 061420 and 037135 not clear because of lack of documentation in ROD etc.	Not reported.	11-Feb-99	Proximity site per letter 052617	
15 2		100 D	100-DR-1	Not reported in field.	UPR-100-D-3	Not in SAP.	Not listed in ROD.	UPR-100-D-3 Effluent Line Leak #3.	Unplanned Release	Liquid	Not in scope	N/A @ this time.			Not reported.	Not reported.	see final close out pack.	Not reported on calculation sheet	Not in FFS/PP	Not listed in ROD.	Not listed in SAP.	Not in RDR/RAWP	?	Application of meeting minutes 061420 and 037135 not clear because of lack of documentation in ROD etc.	Not reported.	11-Feb-99	Proximity site per letter 052617	
16 2		100 D	100-DR-1	Not reported in field.	UPR-100-D-4	Not in SAP.	Not listed in ROD.	UPR-100-D-4 Unplanned Release; 107-D Basin Leaks.	Unplanned Release	Liquid	Not in scope.	N/A @ this time.			Not reported.	Not reported.	see final close out pack.	Not reported on calculation sheet	Not in FFS/PP	Not listed in ROD.	Not listed in SAP.	Not in RDR/RAWP	?	Application of meeting minutes 061420 and 037135 not clear because of lack of documentation in ROD etc.	Not reported.	11-Feb-99	Proximity site per letter 052617	
17 2		100 D	100-DR-1	Not reported in field.	UPR-100-D-5	Not in SAP.	Not listed in ROD.	UPR-100-D-5 Effluent Line Leak #4.	Unplanned Release	Liquid	Not in scope	N/A @ this time.			Not reported.	Not reported.	see final close out pack.	Not reported on calculation sheet	Not in FFS/PP	Not listed in ROD.	Not listed in SAP.	Not in RDR/RAWP	?	Application of meeting minutes 061420 and 037135 not clear because of lack of documentation in ROD etc.	Not reported.	11-Feb-99	Proximity site per letter 052617	

0 AREA WASTE SITES

Group 3

ID	Category	Waste Unit	Common Site Name	SAP Name	TRIA EGD Name	Type	Current Status	Cleaning Process	Current Estimated Baseline Volume	TEA ROD Waste Volume	TRDR/RW Waste Volume	Post R.A. Waste Volume	TRPS Proposed Plan	Record of Decision	Approved Plan	TRPA Wastes	Meeting Minutes	BHI-00943, Rev 0	11-Feb-99	Comments			
									Baseline Volume	Waste Volume	Waste Volume	Waste Volume	Waste Volume										
1	3100 B	100-BC-1	116-B-2 Fuel Storage Basin	116-B-2	116-B-2 Fuel Storage Basin	Trench	Liquid	Remedial Action: out for bid	N/A @ this time.		Not Documented	366 LCM	See final close out pack.	1104 LCM	DOE/RL 94-61 Rev 0/	September 1995, Amended March 1997	DOE/RL-96-22, Rev 1	DOE/RL-96-17, Rev 1	0100C-SW-G0004 Rev 2	Meeting Minutes 053490	BHI-00943, Rev 0	11-Feb-99	
2	3100 B	100-BC-1	116-B-3 Crib	116-B-3	116-B-3 Pluto Crib	Crib	Liquid	Remedial Action: out for bid	N/A @ this time.		Not Documented	49 LCM	See final close out pack.	310 LCM	DOE/RL 94-61 Rev 0/	September 1995, Amended March 1997	DOE/RL-96-22, Rev 1	DOE/RL-96-17, Rev 1	0100C-SW-G0004 Rev 2	Meeting Minutes 053490	BHI-00943, Rev 0	11-Feb-99	
3	3100 B	100-BC-1	116-B-6A Crib	116-B-6A	116-B-6A Crib	Crib	Liquid	Remedial Action: out for bid	N/A @ this time.		Not Documented	368 LCM	See final close out pack.	1226 LCM	DOE/RL 94-61 Rev 0/	September 1995, Amended March 1997	DOE/RL-96-22, Rev 1	DOE/RL-96-17, Rev 1	0100C-SW-G0004 Rev 2	Meeting Minutes 053490	BHI-00943, Rev 0	11-Feb-99	
4	3100 B	100-BC-1	116-B-6B Crib	116-B-6B	116-B-6B Crib	Crib	Liquid	Remedial Action: out for bid	N/A @ this time.		Not Documented	33 LCM	See final close out pack.	132 LCM	DOE/RL 94-61 Rev 0/	September 1995, Amended March 1997	DOE/RL-96-22, Rev 1	DOE/RL-96-17, Rev 1	0100C-SW-G0004 Rev 2	Meeting Minutes 053490	BHI-00943, Rev 0	11-Feb-99	
5	3100 B	100-BC-1	116-B-9 French Drain	116-B-9	116-B-9 French Drain	French Drain	Liquid	Remedial Action: out for bid	N/A @ this time.		Not Documented	4 LCM	See final close out pack.	45 LCM	DOE/RL 94-61 Rev 0/	September 1995, Amended March 1997	DOE/RL-96-22, Rev 1	DOE/RL-96-17, Rev 1	0100C-SW-G0004 Rev 2	Meeting Minutes 053490	BHI-00943, Rev 0	11-Feb-99	
6	3100 BD	100-BC-1	116-B-10 Quench Tank	116-B-10	116-B-10 Dry Well/Quench Tank	Sump	Liquid	Remedial Action: out for bid	N/A @ this time.		Not Documented	3 LCM	See final close out pack.	32 LCM	DOE/RL 94-61 Rev 0/	September 1995, Amended March 1997	DOE/RL-96-22, Rev 1	DOE/RL-96-17, Rev 1	0100C-SW-G0004 Rev 2	Meeting Minutes 053490	BHI-00943, Rev 0	11-Feb-99	
7	3100 B	100-BC-1	116-B-12 Crib	116-B-12	116-B-12 Seal Pit Crib	Crib	Liquid	No action site.	N/A @ this time.	0 CM	456 LCM	See final close out pack.	996 LCM	DOE/RL 94-61 Rev 0/ DOE/RL 94-99	September 1995, Amended March 1997	DOE/RL-96-22, Rev 1	DOE/RL-96-17, Rev 1	0100C-SW-G0004 Rev 2	Meeting Minutes 053490	BHI-00943, Rev 0	11-Feb-99		
8	3100 B	100-BC-1	Not reported in field.	116-B-16	116-B-16 Fuel Examination Tank	Not in ROD	Storage Tank	Liquid	Remedial Action: out for bid	N/A @ this time.	Not Documented	60 LCM	See final close out pack.	272 LCM	DOE/RL 94-61 Rev 0/ DOE/RL 94-99	? ?	DOE/RL-96-22, Rev 1	DOE/RL-96-17, Rev 1	Meeting Minutes 053490		11-Feb-99		
9	3100 C	100-BC-2	116-C-2A Crib	116-C-2A	116-C-2A Pluto Crib	116-C-2A Pluto Crib	Crib	Liquid	Remedial Action: out for bid	N/A @ this time.	5690 LCM	292 LCM	See final close out pack.	1728 LCM	?/DOE/RL-96-108 Rev 0	September 1995, Amended March 1997	DOE/RL-96-22, Rev 1	DOE/RL-96-17, Rev 1	0100C-SW-G0004 Rev 2	Meeting Minutes 053490	BHI-00943, Rev 0	11-Feb-99	
10	3100 D	100-BC-2	116-C-2B Pump Station	116-C-2B	116-C-2B Pluto Crib Pumping Station	116-C-2B Pluto Crib Pump Station	Pump Station	Liquid	Remedial Action: out for bid	N/A @ this time.	Volume included in 116-C-2A	66 LCM	See final close out pack.	1363 LCM	?/DOE/RL-96-108 Rev 0	September 1995, Amended March 1997	DOE/RL-96-22, Rev 1	DOE/RL-96-17, Rev 1	0100C-SW-G0004 Rev 2	Meeting Minutes 053490	BHI-00943, Rev 0	11-Feb-99	
11	3100 D	100-BC-2	116-C-2C Sand Filter	116-C-2C	116-C-2C Pluto Crib Sand Filter	116-C-2C Pluto Crib Sand Filter	Sand Filter	Liquid	Remedial Action: on hold	N/A @ this time.	Volume included in 116-C-2A	475 LCM	See final close out pack.	1338 LCM	?/DOE/RL-96-108 Rev 0	September 1995, Amended March 1997	DOE/RL-96-22, Rev 1	DOE/RL-96-17, Rev 1	0100C-SW-G0004 Rev 2	Meeting Minutes 053490	BHI-00943, Rev 0	11-Feb-99	
12	3100 D	100-DR-1	100-DR-1 Underground Process Effluent Pipelines and Miscellaneous Structures as shown on Project Drawings	100-D-48	100-D/DR Process Effluent Pipelines	100/D/DR (pipelines)	100-D-48 100-D Reactor Cooling Water Process Effluent Pipeline, 100-D/DR Pipelines, 100-D/DR Process Effluent Pipelines	Radioactive Process Sewer	Solid and Liquid	Remedial Action: on hold	N/A @ this time.	Based on retention basin group profile	TBD during removal/4021 meters	See final close out pack.	? ?	-DOE/RL 94-61 Rev 0/	September 1995, Amended March 1997	DOE/RL-96-22, Rev 1	DOE/RL-96-17, Rev 1	0100D-SW-G0003 Rev 4	Meeting Minutes 053490	?	11-Feb-99
13	3100 D	100-DR-1	Not reported in field.	100-D-52	100-D-52 Downcomer Insulation Space Drain Dry Well	Not in ROD	105 D Downcomer French Drain, 105 D Downcomer Insulation Space Dry Well	French Drain	Liquid	Remedial Action: on hold	N/A @ this time.	Not Documented	7 LCM	See final close out pack.	662 LCM	?	?	DOE/RL-96-22, Rev 1	DOE/RL-96-17, Rev 1	0100D-SW-G0003 Rev 4	Meeting Minutes 053490		11-Feb-99
14	3100 D	100-DR-1	116-D-1A Basin Trench	116-D-1A	116-D-1A Fuel Storage Basin Trench	116-D-1A Trench, 105-D Storage Basin Trench #1	Trench	Liquid	Remedial Action: on hold	N/A @ this time.	4409 CM	448 LCM	See final close out pack.	1410 LCM	DOE/RL 94-61 Rev 0/ DOE/RL 94-100 Rev 0	September 1995, Amended March 1997	DOE/RL-96-22, Rev 1	DOE/RL-96-17, Rev 1	0100D-SW-G0003 Rev 4	Meeting Minutes 053490	BHI-00943, Rev 0	11-Feb-99	
15	3100 D	100-DR-1	116-D-1 Basin Trench	116-D-1B	116-D-1B Fuel Storage Basin Trench	116-D-1B Trench, 105-D Storage resin Trench #2	Trench	Liquid	Remedial Action: on hold	N/A @ this time.	2947 CM	488 LCM	See final close out pack.	1410 LCM	DOE/RL 94-61 Rev 0/ DOE/RL 94-100 Rev 0	September 1995, Amended March 1997	DOE/RL-96-22, Rev 1	DOE/RL-96-17, Rev 1	0100D-SW-G0003 Rev 4	Meeting Minutes 053490	BHI-00943, Rev 0	11-Feb-99	
16	3100 D	100-DR-1	116-D-2 Crib	116-D-2	116-D-2 Crib	116-D-2A Crib, 116-D-2 Plutonium Crib, 105-D Plutonium Crib, 116-D-2A	Crib	Liquid	Remedial Action: on hold	N/A @ this time.	14.4 CM	49 LCM	See final close out pack.	310 LCM	DOE/RL 94-61 Rev 0/ DOE/RL 94-100 Rev 0	September 1995, Amended March 1997	DOE/RL-96-22, Rev 1	DOE/RL-96-17, Rev 1	0100D-SW-G0003 Rev 4	Meeting Minutes 053490	BHI-00943, Rev 0	11-Feb-99	
17	3100 D	100-DR-1	116-D-3 French Drain	116-D-3	116-D-3 French Drain	116-D-3 French Drain	Crib	Liquid	Remedial Action: on hold	N/A @ this time.	28 LCM	33 LCM	See final close out pack.	132 LCM	DOE/RL 94-61 Rev 0/ DOE/RL 94-108, Rev 0	September 1995, Amended March 1997	DOE/RL-96-22, Rev 1	DOE/RL-96-17, Rev 1	0100D-SW-G0003 Rev 4	Meeting Minutes 053490	BHI-00943, Rev 0	11-Feb-99	
18	3100 D	100-DR-1	116-D-4 Drains	116-D-4	116-D-4 Crib	108 Crib #42	Crib	Liquid and Solid	Remedial Action: on hold	N/A @ this time.	Not Documented	33 LCM	See final close out pack.	132 LCM	DOE/RL 94-61 Rev 0/	?	?	DOE/RL-96-22, Rev 1	DOE/RL-96-17, Rev 1	0100D-SW-G0003 Rev 4	Meeting Minutes 053490	BHI-00943, Rev 0	11-Feb-99
19	3100 D	100-DR-1	116-D-6 Crib	116-D-6	116-D-6 French Drain	116-D-6 French Drain	French Drain	Liquid	Remedial Action: on hold	N/A @ this time.	Not Documented	2 LCM	See final close out pack.	16 LCM	DOE/RL 94-61 Rev 0/	?	?	DOE/RL-96-22, Rev 1	DOE/RL-96-17, Rev 1	0100D-SW-G0003 Rev 4	Meeting Minutes 053490	BHI-00943, Rev 0	11-Feb-99
20	3100 D	100-DR-1	116-D-9 Crib	116-D-9	116-D-9 Crib	116-D-9 Crib, 117 Seal Pit Crib	Crib	Liquid	Remedial Action: on hold	N/A @ this time.	0 CM	221 LCM	See final close out pack.	765 LCM	DOE/RL 94-61 Rev 0/ DOE/RL 94-100 Rev 0	September 1995, Amended March 1997	DOE/RL-96-22, Rev 1	DOE/RL-96-17, Rev 1	0100D-SW-G0003 Rev 4	Meeting Minutes 053490	BHI-00943, Rev 0	11-Feb-99	
21	3100 D	100-DR-1	100-D-12 Sodium Dichromate Tanks	100-D-12	Not in SAP.	Not in ROD	100-D-12 Sodium Dichromate Station, 100-D-12 Sodium Dichromate/Acid Raicker and Trench Unloading Station and Associated French Drain, Undocumented Liquid Waste Site	Pump Station	Liquid	Remedial Action: on hold	N/A @ this time.	Not Documented	Not Documented	See final close out pack.	115 LCM	?	?	?	?	0100D-SW-G0003 Rev 4	Meeting Minutes 053490	BHI-00943, Rev 0	11-Feb-99
22	3100 D	100-DR-1	116-DR-3 Trench	116-DR-3	116-DR-3 Storage Basin	116-DR-3 Storage Basin Trench	Trench	Liquid	Remedial Action: on hold	N/A @ this time.	840 LCM	33 LCM	See final close out pack.	132 LCM	?/ DOE/RL 96-108, Rev 0	September 1995, Amended March 1997	DOE/RL-96-22, Rev 1	DOE/RL-96-17, Rev 1	0100D-SW-G0003 Rev 4	Meeting Minutes 053490	BHI-00943, Rev 0	11-Feb-99	
23	3100 D	100-DR-1	116-DR-4 Trench	116-DR-4	116-DR-4 Pluto Crib	116-DR-4 Pluto Crib, 105-DR Pluto Crib	Crib	Liquid	Remedial Action: on hold	N/A @ this time.	122 LCM	33 LCM	See final close out pack.	132 LCM	?/ DOE/RL 96-108, Rev 0	September 1995, Amended March 1997	DOE/RL-96-22, Rev 1	DOE/RL-96-17, Rev 1	0100D-SW-G0003 Rev 4	Meeting Minutes 053490	BHI-00943, Rev 0	11-Feb-99	
24	3100 D	100-DR-1	116-DR-6 Trench	116-DR-6	116-DR-6 Liquid Disposal Trench	116-DR-6 Liquid Disposal Trench, Wash Pad Liquid Waste Site 3C	Trench	Liquid	Remedial Action: on hold	N/A @ this time.	352 LCM	163 LCM	See final close out pack.	392 LCM	?/ DOE/RL 96-108, Rev 0	September 1995, Amended March 1997	DOE/RL-96-22, Rev 1	DOE/RL-96-17, Rev 1	0100D-SW-G0003 Rev 4	Meeting Minutes 053490	BHI-00943, Rev 0	11-Feb-99	
25	3100 D	100-DR-1	116-DR-7 Inkwell Tanks	116-DR-7	Not in SAP.	Not in ROD	116-DR-7 Inkwell Crib	Crib	Liquid	Remedial Action: on hold	N/A @ this time.	Not Documented	Not Documented	See final close out pack.	286 LCM								

100 AREA WASTE SITES

Group 4

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ID	Design Group	Area	Operable Unit	Common Site Name	WIDS Site Code	SAP Name	IRA ROD Name	Type of Waste	Current Status	Cleanup Pathway	Current Estimated Baseline Volume	IRA ROD Waste Volume App.	Post RAC Waste Volume App.	Design Waste Volume	FFS/Proposed Plan	Record of Decision	Sampling and Analysis Plan	RDRRA Work Plan	Action	Comments	Last Classification	Last Modified Date		
1	4100F	100-FR-1	100-F Reactor Effluent Pipelines	100-F-19	100-F-19 Process Effluent Piping	100-F-19 Process Effluent Pipelines	100-F-19 Process Effluent Pipelines	Radioactive Process Sewer	Solid and liquid	Remedial Action: on hold	N/A @ this time		21626 LCM	25,363 LCM	See final close out package	Not reported	DOE/RL-94-61 Draft Rev 0/DOE/RL-96-108 Rev 0	September 1995, Amended March 1997	DOE/RL-96-22, Rev 1	DOE/RL-96-17 Rev. 1	0100X-SW-G0027 Rev 1/PW Stephens	Meeting Minutes 053490	DCCL NO. 97-0010 Rev 0	11-Feb-99
2	4100F	100-FR-1	116-F-1 Lewis Canal Trench	116-F-1	116-F-1 Trench	116-F-1 Trench	116-F-1, Lewis Canal, 116-F-1 Process Effluent Disposal Trench	Trench	Liquid	Remedial Action: on hold	N/A @ this time		3905 LCM	55,989 LCM	See final close out package	55989 LCM	DOE/RL-94-61 Draft Rev 0/DOE/RL-96-108 Rev 0	September 1995, Amended March 1997	DOE/RL-96-22, Rev 1	DOE/RL-96-17 Rev. 1	0100X-SW-G0027 Rev 1/PW Stephens	Meeting Minutes 053490	DCCL NO. 97-0010 Rev 0	11-Feb-99
3	4100F	100-FR-1	116-F-2 107-F Liquid Waste Disposal Trench	116-F-2	116-F-2 Trench	116-F-2 Process Effluent Disposal Trench	116-F-2, 107-F Liquid Waste Disposal Trench, 116-F-2 Basin Overflow Trench	Trench	Liquid	Remedial Action: on hold	N/A @ this time		1953 LCM	6,903 LCM	See final close out package	10835 LCM	DOE/RL-94-61 Draft Rev 0/DOE/RL-96-108 Rev 0	September 1995, Amended March 1997	DOE/RL-96-22, Rev 1	DOE/RL-96-17 Rev. 1	0100X-SW-G0027 Rev 1/PW Stephens	Meeting Minutes 053490	DCCL NO. 97-0010 Rev 0	11-Feb-99 Includes main northern and southern bypasses.
4	4100F	100-FR-1	116-F-3 105-F Storage Basin Trench	116-F-3	116-F-3 Fuel Storage Basin Trench	116-F-3 Fuel Storage Basin Trench	116-F-3, 105-F Storage Basin Trench	Trench	Liquid	Remedial Action: on hold	N/A @ this time		2343 LCM	1,235 LCM	See final close out package	1971 LCM	DOE/RL-94-61 Draft Rev 0/DOE/RL-96-108 Rev 0	September 1995, Amended March 1997	DOE/RL-96-22, Rev 1	DOE/RL-96-17 Rev. 1	0100X-SW-G0027 Rev 1/PW Stephens	Meeting Minutes 053490	DCCL NO. 97-0010 Rev 0	11-Feb-99
5	4100F	100-FR-1	116-F-4, 105-F Pluto Crib	116-F-4	116-F-4 Pluto Crib	116-F-4, 105-F Pluto Crib, F Reactor Pluto Crib	116-F-4, 105-F Pluto Crib, F Reactor Pluto Crib	Crib	Liquid	Remedial Action: backfilled	N/A @ this time		0 LCM	85 LCM	See final close out package	85 LCM	DOE/RL-94-61 Draft Rev 0/DOE/RL-96-108 Rev 0	September 1995, Amended March 1997	DOE/RL-96-22, Rev. 1	DOE/RL-96-17 Rev. 1	0100X-SW-G0027 Rev 1/PW Stephens	Meeting Minutes 053490	DCCL NO. 97-0010 Rev 0	11-Feb-99 Site backfilled in 1992?
6	4100F	100-FR-1	116-F-5, Ball Washer Crib	116-F-5	116-F-5, Ball Washer Crib	116-F-5, Ball Washer Crib	116-F-5, Ball Washer Crib	Crib	Liquid	Remedial Action: backfilled	Draft in process		923 LCM	107 LCM	See final close out package	107 LCM	DOE/RL-94-61 Draft Rev 0/DOE/RL-96-108 Rev 0	September 1995, Amended March 1997	DOE/RL-96-22, Rev 1	DOE/RL-96-17 Rev. 1	0100X-SW-G0027 Rev 1/PW Stephens	Meeting Minutes 053490	DCCL NO. 97-0010 Rev 0	11-Feb-99
7	4100F	100-FR-1	116-F-6 1608-F Liquid Waste Disposal Trench	116-F-6	116-F-6, Liquid Waste Disposal Trench	116-F-6, Liquid Waste Disposal Trench	116-F-6, 1608-F Liquid Waste Disposal Trench, 105-F Cooling Water Trench, 105-F Liquid Waste Disposal Trench	Trench	Liquid	Remedial Action: on hold	N/A @ this time		20939 LCM	11,106 LCM	See final close out package	14314 LCM	DOE/RL-94-61 Draft Rev 0/DOE/RL-96-108 Rev 0	September 1995, Amended March 1997	DOE/RL-96-22, Rev 1	DOE/RL-96-17 Rev. 1	0100X-SW-G0027 Rev 1/PW Stephens	Meeting Minutes 053490	DCCL NO. 97-0010 Rev 0	11-Feb-99
8	4100F	100-FR-1	116-F-9 Animal Waste Leaching Trench	116-F-9	116-F-9 Trench	116-F-9, PNL Animal Waste Leaching Trench	116-F-9, Animal Waste Leaching Trench	Trench	Liquid	Remedial Action: on hold	N/A @ this time		10153 LCM	3,369 LCM	See final close out package	6380 LCM	DOE/RL-94-61 Draft Rev 0/DOE/RL-96-108 Rev 0	September 1995, Amended March 1997	DOE/RL-96-22, Rev 1	DOE/RL-96-17 Rev. 1	0100X-SW-G0027 Rev 1/PW Stephens	Meeting Minutes 053490	DCCL NO. 97-0010 Rev 0	11-Feb-99
9	4100F	100-FR-1	116-F-10 105-F Dummy Decontamination French Drain	116-F-10	116-F-10 French Drain	116-F-10 French Drain	116-F-10, 105-F Dummy Decontamination French Drain, 116-F-8, 105 Dummy/Perf Decontamination Crib, Perf Decontamination Drain	French Drain	Liquid	Remedial Action: on hold	N/A @ this time		2 LCM	357 LCM	See final close out package	357 LCM	DOE/RL-94-61 Draft Rev 0/DOE/RL-96-108 Rev 0	September 1995, Amended March 1997	DOE/RL-96-22, Rev 1	DOE/RL-96-17 Rev. 1	0100X-SW-G0027 Rev 1/PW Stephens	Meeting Minutes 053490	DCCL NO. 97-0010 Rev 0	11-Feb-99
10	4100F	100-FR-1	116-F-11 105-F Cushion Corridor French Drain	116-F-11	116-F-11 French Drain	116-F-11 Corridor French Drain	116-F-11, 105-F Cushion Corridor French Drain	French Drain	Liquid	Remedial Action: on hold	N/A @ this time		70 LCM	163 LCM	See final close out package	163 LCM	DOE/RL-94-61 Draft Rev 0/DOE/RL-96-108 Rev 0	September 1995, Amended March 1997	DOE/RL-96-22, Rev 1	DOE/RL-96-17 Rev. 1	0100X-SW-G0027 Rev 1/PW Stephens	Meeting Minutes 053490	DCCL NO. 97-0010 Rev 0	11-Feb-99
11	4100F	100-FR-1	116-F-14 107-F Retention Basin	116-F-14	116-F-14 Retention Basin	116-F-14 Retention Basin	116-F-14, 107-F Retention Basin, 107-F	Retention Basin	Solid	Remedial Action: on hold	N/A @ this time		38543 LCM	49,736 LCM	See final close out package	61010 LCM	DOE/RL-94-61 Draft Rev 0/DOE/RL-96-108 Rev 0	September 1995, Amended March 1997	DOE/RL-96-22, Rev 1	DOE/RL-96-17 Rev. 1	0100X-SW-G0027 Rev 1/PW Stephens	Meeting Minutes 053490	DCCL NO. 97-0010 Rev 0	11-Feb-99
12	4100F	100-FR-1	1607-F2 Septic System	1607-F2	Not in SAP	Not in ROD	1607-F2, 1607-F2 Septic Tank, 124-F-2, 1607-F2 Sanitary Sewer System	Septic Tank	Liquid	Remedial Action: on hold	N/A @ this time		Not reported	Not reported	See final close out package	732/4011 LCM	?		Not in ROD	?	0100X-SW-G0027 Rev 1/PW Stephens	Meeting Minutes 053490	DCCL NO. 97-0010 Rev 0	11-Feb-99 1607-F2 Tile Field Volume also reported.
13	4100F	100-FR-1	1607-F6 Septic System	1607-F6	Not in SAP	Not in ROD	1607-F6, 1607-F6 Septic Tank, 124-F-6, 1607-F6 Sanitary Sewer System	Drain/Tile Field	Liquid	Remedial Action: on hold	N/A @ this time		Not reported	Not reported	See final close out package	63/145 LCM	?	September 1995, Amended March 1997	Not in ROD	?	0100X-SW-G0027 Rev 1/PW Stephens	Meeting Minutes 053490	DCCL NO. 97-0010 Rev 0	11-Feb-99
14	4100F	100-FR-2	100-F-2 PNL Ecological Study Strontium Garden	100-F-2	Not in SAP	Not in ROD	100-F-2, Strontium Garden, PNL Ecological Study Strontium Garden,	Laboratory	Solid	Remedial Action: on hold	N/A @ this time		4881 LCM	Not reported	See final close out package	267 LCM	DOE/RL-94-61 Draft Rev 0/?	September 1995, Amended March 1997	Not in ROD	?	0100X-SW-G0027 Rev 1/PW Stephens	Meeting Minutes 053490	DCCL NO. 97-0010 Rev 0	11-Feb-99
15	4100F	100-FR-2	100-F-15 108-F Building Ventilation French Drain	100-F-15	100-F-15 French Drain	100-F-15 French Drain	100-F-15, 108-F Building Ventilation French Drain, Undocumented	French Drain	Liquid	Remedial Action: on hold	N/A @ this time		1.5 LCM	163 LCM	See final close out package	163 LCM	?	September 1995, Amended March 1997	DOE/RL-96-22, Rev 1	DOE/RL-96-17 Rev. 1	0100X-SW-G0027 Rev 1/PW Stephens	Meeting Minutes 053490	DCCL NO. 97-0010 Rev 0	11-Feb-99
16	4100F	100-FR-2	126-F-1 188-F Ash Disposal Area	126-F-1	126-F-1 Ash Pit	126-F-1 Powerhouse Ash Pit	126-F-1, 184-F Powerhouse Ash Pit, 188-F Ash Disposal Area	Coal Ash Pit	Solid	Remedial Action: on hold	N/A @ this time		221745 LCM	244,632 LCM	See final close out package	244632 LCM	DOE/RL-94-61 Draft Rev 0/DOE/RL-96-108 Rev 0	September 1995, Amended March 1997	DOE/RL-96-22, Rev 1	DOE/RL-96-17 Rev. 1	0100X-SW-G0027 Rev 1/PW Stephens	Meeting Minutes 053490	DCCL NO. 97-0010 Rev 0	11-Feb-99
17	4100 H	100-HR-1	100-H-5 107-H Retention Basin Sludge Burial Site	100-H-5	100-H-5 Sludge Burial Trench	100-H-5 Sludge Burial Trench	100-H-5, 107-H Retention Basin Sludge Burial Site, 107-H Buried Sludge Site, 107-H Grave	Burial Ground	Solid	Remedial Action: on hold	N/A @ this time		968 LCM	11,318 LCM	See final close out package	11318 LCM	?/DOE/RL-96-108 Rev 0	September 1995, Amended March 1997	DOE/RL-96-22, Rev 1	DOE/RL-96-17 Rev. 1	0100X-SW-G0027 Rev 1/PW Stephens	Meeting Minutes 053490	DCCL NO. 97-0010 Rev 0	11-Feb-99
18 and 19	4100 H	100-HR-1	100-H-17 116-H-2 Trench Overflow (INCLUDES 100-H-2 Thimble Guide ROD Burial Ground)	100-H-2	Not in SAP	100-H-17 and 100-H-17 Trench/Overflow Trench/Not in ROD	100-H-17, 116-H-2 Trench/Overflow Trench/Not in ROD	Unplanned Release/ Burial Ground	Liquid/Solid	Remedial Action: on hold	N/A @ this time		20500 LCM	10,563 LCM/?	See final close out package	10563 LCM/476	?/DOE/RL-96-108 Rev							

100 AREA WASTE SITES

Group 4

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Attachment 4

Design Group	Area	Operable Unit	Common Site Name	WIDS Site Code	SAP Name	RA-ROD Name	Alt.	Site Type	Current Status	Cleaning Factor	Current Estimated Baseline Volume	RA-ROD Waste Volume	Post RA Waste Volume	Design Waste Volume	EPA Proposed Plan	Record of Decision	Sampling and Analysis Plan	RA-ROD Work Plan	Action Items	Comments	Last Update Date	Last Modified Date				
Site Name	Type of Waste	Site Status	Volume App A																							
20	4	100 H	100-HR-I	100-H-21 Buried Process Effluent Pipelines	100-H-21	116-H-21 Process Effluent Trench		Not in ROD	100-H-21, 100-H Reactor Cooling Water Effluent Underground Pipelines, 100-H Process Effluent Piping	Radioactive Process Sewer	Solid and liquid	Remedial Action: on hold	N/A @ this time		Not reported	5,768 LCM	See final close out package	?	?	Not in ROD	DOE/RL-96-22, Rev I	DOE/RL-96-17 Rev. I	0100X-SW-G0027 Rev 1/PW Stephens	Meeting Minutes 053490	?	11-Feb-99
21	4	100 H	100-HR-I	100-H-24 151-H Substation	100-H-24	Not in SAP		Not in ROD	100-H-24, 151-H Electrical Facilities, 151-H Substation	Electrical Substation	Solid	Remedial Action: on hold	N/A @ this time		Not reported	?	See final close out package	4215 LCM	?	Not in ROD	Not in SAP	?	0100X-SW-G0027 Rev 1/PW Stephens	Meeting Minutes 053490	DCCL NO. 97-0010 Rev 0	11-Feb-99
22	4	100 H	100-HR-I	116-H-1 107-H Liquid Waste Disposal Trench	116-H-1	116-H-1 Process Effluent Trench		116-H-1 Process Effluent Trench	116-H-1, 107-H Liquid Waste Disposal Trench	Trench	Liquid	Remedial Action: on hold	N/A @ this time		9179 LCM	1,916 LCM	See final close out package	21521 LCM	DOE/RL-94-61 Draft Rev 0/?	September 1995, Amended March 1997	DOE/RL-96-22, Rev I	DOE/RL-96-17 Rev. I	0100X-SW-G0027 Rev 1/PW Stephens	Meeting Minutes 053490	DCCL NO. 97-0010 Rev 0	11-Feb-99
23	4	100 H	100-HR-I	116-H-3, 105-H Dummy Decontamination French Drains	116-H-3	116-H-3 Dummy Decontamination French Drains		116-H-3 Dummy Decontamination French Drains 116-H-3 French Drains	116-H-3, 105-H Dummy Decontamination French Drains 116-H-3 French Drains	French Drain	Liquid	Remedial Action: on hold	N/A @ this time		178 LCM	163 LCM	See final close out package	163 LCM	DOE/RL-94-61/DOE/RL-96-108 Rev 0	September 1995, Amended March 1997	DOE/RL-96-22, Rev I	DOE/RL-96-17 Rev. I	0100X-SW-G0027 Rev 1/PW Stephens	Meeting Minutes 053490	DCCL NO. 97-0010 Rev 0	11-Feb-99
24	4	100 H	100-HR-I	116-H-7 107-H Retention Basin	116-H-7	116-H-7 Retention Basin		116-H-7, 107-H Retention Basin, 107-H	Retention Basin	Liquid	Remedial Action: on hold	N/A @ this time		43153 LCM	32,358 LCM	See final close out package	94,643 LCM	DOE/RL-94-61 Draft Rev 0/?	September 1995, Amended March 1997	DOE/RL-96-22, Rev I	DOE/RL-96-17 Rev. I	0100X-SW-G0027 Rev 1/PW Stephens	Meeting Minutes 053490	DCCL NO. 97-0010 Rev 0	11-Feb-99	
25	4	100 H	100-HR-I	1607-H2, Septic System	1607-H2	Not in SAP		Not in ROD	1607-H2, 1607-H2 Septic Tank and Associated Drain Field, 1607-H2 Sanitary Sewer System, 124-H-2, 1607-H2 Septic Tank	Sepic Tank	Liquid	Remedial Action: on hold	N/A @ this time		Not reported	Not reported	See final close out package	3987 LCM	?	?	Not in SAP	?	0100X-SW-G0027 Rev 1/PW Stephens	Meeting Minutes 053490	DCCL NO. 97-0010 Rev 0	11-Feb-99 Includes 1607-H2 Tile Field
26	4	100 H	100-HR-I	1607-H2, Septic System	1607-H4	Not in SAP		Not in ROD	1607-H4, 1607-H4 Septic Tank and Associated Drain Field, 1607-H4 Sanitary Sewer System, 124-H-4, 1607-H4 Septic Tank	Sepic Tank	Liquid	Remedial Action: on hold	N/A @ this time		Not reported	Not reported	See final close out package	79 LCM	?	?	Not in SAP	?	0100X-SW-G0027 Rev 1/PW Stephens	Meeting Minutes 053490	DCCL NO. 97-0010 Rev 0	11-Feb-99 Includes 1607-H4 Tile Field
27	4	100 K	100-KR-I	116-K-1 100-K Emergency Pond	116-K-1	116-K-1 Crib		116-K-1 Crib	116-K-1, 100-K Crib, 100-K Pond, 116-K-1 Trench, 107-K Pond, 107-K(E) Sump, 100-K Emergency Pond	Crib	Solid and Liquid	Remedial Action: on hold	N/A @ this time		7815 LCM	51,806 LCM	See final close out package	61,806 LCM	DOE/RL-94-61 Draft Rev 0/DOE/RL-96-108 Rev 0	September 1995, Amended March 1997	DOE/RL-96-22, Rev I	DOE/RL-96-17 Rev. I	0100X-SW-G0027 Rev 1/PW Stephens	Meeting Minutes 053490	DCCL NO. 97-0010 Rev 0	11-Feb-99
28	4	100 K	100-KR-I	116-K-2, 100-K Mile Long Trench	116-K-2	116-K-2 Effluent Trench		116-K-2, 100-K Mile Long Trench, K Trench, 116-K-2 Trench, 100-K Emergency Trench, 107-K Effluent Trench, Bypass Crib Ditch, 116-K-2 Process Effluent Trench	Trench	Liquid	Remedial Action: on hold	N/A @ this time		64927 LCM	69,559 LCM	See final close out package	53375 LCM	DOE/RL-94-61 Draft Rev 0/DOE/RL-96-108 Rev 0	September 1995, Amended March 1997	DOE/RL-96-22, Rev I	DOE/RL-96-17 Rev. I	0100X-SW-G0027 Rev 1/PW Stephens	Meeting Minutes 053490	DCCL NO. 97-0010 Rev 0	11-Feb-99	
29	4	100 K	100-KR-I	116-KE-4, 107-KE Retention Basins	116-KE-4	116-KE-4 Retention Basins		116-KE-4, 107-KE Retention Basins, 107-KE	Retention Basin	Liquid	Remedial Action: on hold	N/A @ this time		36717 LCM	88,927 LCM	See final close out package	104207 LCM	DOE/RL-94-61 Draft Rev 0/?	September 1995, Amended March 1997	DOE/RL-96-22, Rev I	DOE/RL-96-17 Rev. I	0100X-SW-G0027 Rev 1/PW Stephens	Meeting Minutes 053490	DCCL NO. 97-0010 Rev 0	11-Feb-99	
30	4	100 K	100-KR-I	116-KW-3, 107-KW Retention Basin	116-KW-3	116-KW-3 Retention Basin		116-KW-3, 107-KW Retention Basin, 107-KW	Retention Basin	Liquid	Remedial Action: on hold	N/A @ this time		36589 LCM	88,927 LCM	See final close out package	104207 LCM	DOE/RL-94-61 Draft Rev 0/DOE/RL-96-108 Rev 0	September 1995, Amended March 1997	DOE/RL-96-22, Rev I	DOE/RL-96-17 Rev. I	0100X-SW-G0027 Rev 1/PW Stephens	Meeting Minutes 053490	DCCL NO. 97-0010 Rev 0	11-Feb-99	
31 and 32	4	100 K	100-KR-I	100-K 105-KE and 105-KW Reactor Effluent Pipelines	100-K-55 and 100-K-56	100-K Process Effluent Piping		100-KR-1 Process Effluent Piping	100-K-55, 100-K Reactor Cooling Water Effluent Underground Pipelines, 100-K-56, 100-KE Reactor Cooling Water Effluent Underground Pipelines	Radioactive Process Sewer	Liquid	Remedial Action: on hold	N/A @ this time		4615 LCM	Not reported	See final close out package	Not reported	? DOE/RL-96-108 Rev 0	September 1995, Amended March 1997	DOE/RL-96-22, Rev I	?	0100X-SW-G0027 Rev 1/PW Stephens	Meeting Minutes 053490	DCCL NO. 97-0010 Rev 0	11-Feb-99 Two waste sites included in this record. Cross references used (names) have not been verified.
33	4?	?	100-F-35 Discovery Site	100-F-35	?	?	?	?	?	?	?	Remedial Action: on hold	N/A @ this time	?	?	?	?	See final close out package	?	?	?	?	?	?	?	11-Feb-99
34	4	100 F	100-FR-I	UPR-100-F-2 107-F Basin Leak Ditch	UPR-100-F-2	UPR-100-F-2 Basin Leak Ditch	UPR-100-F-2 Basin Leak Ditch (100-F-3)	UPR-100-F-2 107-F Basin Leak, 100-F-3, up-100-F-2 Ditch	?	?	?	Remedial Action: on hold	N/A @ this time	?	4885 LCM	4234 LCM	See final close out package	3,022 LCM	?/ DOE/RL-96-108 Rev 0	September 1995, Amended March 1997	DOE/RL-96-22, Rev I	DOE/RL-96-17 Rev. I	0100X-SW-G0027 Rev 1/PW Stephens	Meeting Minutes 053490	DCCL NO. 97-0010 Rev 0	11-Feb-99

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DOE AREA WASTE SITES

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Description ID	Group	Area	Operable Unit	Common Site Name	WIDS Site Code	SAP Name	RA/ROD Name	Site Alias	Site Type	Type of Waste	Current Status	Assessment	N/A @ this Time	? ? ? ? ?	RA/ROD Baseline Volume	RA/ROD Waste Volume	RA/ROD Waste Volume	Position Design Waste Volume	Design Waste Volume	Proposed Plan	Record of Decision	Sampling and Analysis Plan	RDR/RRA Work Plan	Subcontractor	Air Monitoring Plan	Groundwater Classification	Date Modified	Comments		
															Clearance Period															
74	S	100K	100-KR-1	TBD	116-K-3	TBD	TBD	116-K-3, 1904-K Outfall Structure, 1908-K Outfall Structure	Outfall	Liquid	Assessment	N/A @ this Time	? ? ? ? ?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
75	S	100K	100-KR-2	TBD	100-K-1	TBD	TBD	100-K-1, 119-KW French Drain, 119-KW Exhaust Air Sample Building French Drain, 100-K-45	French Drain	Liquid	Assessment	N/A @ this Time	? ? ? ? ?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
76	S	100K	100-KR-2	TBD	100-K-3	TBD	TBD	100-K-3, 1706-KE Fish Pond Heat Exchanger Pit and Pump Pit, Water Studies Semi-Works	Valve Pit	Liquid	Assessment	N/A @ this Time	? ? ? ? ?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
77	S	100K	100-KR-2	TBD	100-K-4	TBD	TBD	100-K-4, 1706-KE Wet Fish Studies Ponds and Valve Pit	Pond	Liquid	Assessment	N/A @ this Time	? ? ? ? ?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
78	S	100K	100-KR-2	TBD	100-K-5	TBD	TBD	100-K-5, 1705-KE French Drain	French Drain	Liquid	Assessment	N/A @ this Time	? ? ? ? ?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
79	S	100K	100-KR-2	TBD	100-K-6	TBD	TBD	100-K-6, Vacuum Pit, Cyclone Separator, 105-KE Vacuum Pit	Process Unit/Plant	Solid and Liquid	Assessment	N/A @ this Time	? ? ? ? ?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
80	S	100K	100-KR-2	TBD	100-K-13	TBD	TBD	100-K-13, French Drain West of the 166-KW Oil Storage Tank Facility	French Drain		Assessment	N/A @ this Time	? ? ? ? ?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
81	S	100K	100-KR-2	TBD	100-K-14	TBD	TBD	100-K-14, 183-KE Acid Neutralization Pit and Overflow French Drain	French Drain	Liquid	Assessment	N/A @ this Time	? ? ? ? ?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
82	S	100K	100-KR-2	TBD	100-K-15	TBD	TBD	100-K-15, 183-KW Liquid Alum Storage Tank (West)	Storage Tank		Assessment	N/A @ this Time	? ? ? ? ?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
83	S	100K	100-KR-2	TBD	100-K-16	TBD	TBD	100-K-16, 183-KW Liquid Alum Storage Tank (East)	Storage Tank		Assessment	N/A @ this Time	? ? ? ? ?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
84	S	100K	100-KR-2	TBD	100-K-18	TBD	TBD	100-K-18, 183-KW Caustic Neutralization Pit	Sump	Liquid	Assessment	N/A @ this Time	? ? ? ? ?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
85	S	100K	100-KR-2	TBD	100-K-19	TBD	TBD	100-K-19, 183-KW Caustic Soda Storage Tank Site	Foundation	Liquid	Assessment	N/A @ this Time	? ? ? ? ?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
86	S	100K	100-KR-2	TBD	100-K-20	TBD	TBD	100-K-20, 183-KW Sodium Silicate Storage Tank (West)	Foundation	Liquid	Assessment	N/A @ this Time	? ? ? ? ?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
87	S	100K	100-KR-2	TBD	100-K-21	TBD	TBD	100-K-21, 183-KW Sodium Silicate Storage Tank (East)	Foundation	Liquid	Assessment	N/A @ this Time	? ? ? ? ?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
88	S	100K	100-KR-2	TBD	100-K-22	TBD	TBD	100-K-22, 183-KE Sodium Silicate Storage Tank (West)	Foundation	Liquid	Assessment	N/A @ this Time	? ? ? ? ?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
89	S	100K	100-KR-2	TBD	100-K-23	TBD	TBD	100-K-23, 183-KE Sodium Silicate Storage Tank (East)	Foundation	Liquid	Assessment	N/A @ this Time	? ? ? ? ?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
90	S	100K	100-KR-2	TBD	100-K-24	TBD	TBD	100-K-24, 183-KW Bauxite Tank	Storage Tank	Solid	Assessment	N/A @ this Time	? ? ? ? ?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
91	S	100K	100-KR-2	TBD	100-K-25	TBD	TBD	100-K-25, 183-KE Caustic Neutralization Pit	Sump	Liquid	Assessment	N/A @ this Time	? ? ? ? ?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
92	S	100K	100-KR-2	TBD	100-K-27	TBD	TBD	100-K-27, 183-KE Caustic Soda Storage Tank Site	Foundation	Liquid	Assessment	N/A @ this Time	? ? ? ? ?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
93	S	100K	100-KR-2	TBD	100-K-28	TBD	TBD	100-K-28, 183-KE Bauxite Tank	Storage Tank	Solid	Assessment	N/A @ this Time	? ? ? ? ?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
94	S	100K	100-KR-2	TBD	100-K-29	TBD	TBD	100-K-29, 183-KE Sandblasting Site	Dumping Area	Solid	Assessment	N/A @ this Time	? ? ? ? ?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
95	S	100K	100-KR-2	TBD	100-K-30	TBD	TBD	100-K-30, 183-KE Sulfuric Acid Tank (West Tank)	Storage Tank	Liquid	Assessment	N/A @ this Time	? ? ? ? ?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
96	S	100K	100-KR-2	TBD	100-K-31	TBD	TBD	100-K-31, 183-KE Sulfuric Acid Tank (East tank)	Storage Tank	Liquid	Assessment	N/A @ this Time	? ? ? ? ?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
97	S	100K	100-KR-2	TBD	100-K-32	TBD	TBD	100-K-32, 183-KW Sulfuric Acid Tank (East tank)	Storage Tank	Solid	Assessment	N/A @ this Time	? ? ? ? ?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	

100 AREA WASTE SITES

Group 5

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100 AREA WASTE SITES

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100 AREA WASTE SITES

Group 5

DRAFT**100 AREA WASTE SITES****Group 6**

ID	Designated Area	Operable Unit	Location Site Name	WIDS Code	SAP Name	IRA ROD Name	Type of Waste	Special Characteristics	Waste Type		Waste Management		Designated Area		Sampling and Analysis Plan		EROD/ROD		Group		Modified Date	Comments			
									RA Rod Name	Waste Management	Waste Management	Designated Area	Sampling and Analysis Plan	EROD/ROD	Group										
1	6 100B	100-BC-1	TBD	100-B-5	TBD	TBD	100-B-5, Effluent Vent Disposal Trench, 116-B-9, 105-B Effluent Vent Trench	Trench	Liquid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99		
2	6 100B	100-BC-1	TBD	100-B-7	TBD	TBD	100-B-7, 100-B Water Treatment Facilities Underground Pipelines	Process Sewer	Solid and liquid	Assessment	N/A @ this Time	?	?	?	?	?	?	??	?	?	?	?	?	11-Feb-99	
3	6 100B	100-BC-1	TBD	100-B-10	TBD	TBD	100-B-10, 107-B Basin Leak and Warm Springs	Unplanned Release	Liquid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
4	6 100B	100-BC-1	TBD	116-B-7	TBD	TBD	116-B-7, 1904-B-1 Outfall Structure, 1904-B1	Outfall	Liquid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
5	6 100B	100-BC-1	TBD	116-B-15	TBD	TBD	116-B-15, 105-B Fuel Storage Basin Cleanout Percolation Pit, 105-B Fuel Storage Discharge Pond, 105-B Pond	Pond	Liquid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
6	6 100B	100-BC-1	TBD	118-B-8	TBD	TBD	118-B-8, 105-B Reactor Building, B Reactor	Reactor	Solid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
7	6 100B	100-BC-1	TBD	118-B-9	TBD	TBD	118-B-9, 104-B-1 Tritium Vault and 104-B-2 Tritium Laboratory, 104-B2 Storage Building	Storage	Solid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
8	6 100B	100-BC-1	TBD	120-B-1	TBD	TBD	120-B-1, 105-B Battery Acid Sump	Sump	Liquid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
9	6 100B	100-BC-1	TBD	126-B-2	TBD	TBD	126-B-2, 183-B Clearwells	Dumping Area	Solid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
10	6 100B	100-BC-1	TBD	126-B-3	TBD	TBD	126-B-3, 184-B Coal Pit	Dumping Area	Solid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
11	6 600	100-BC-1	TBD	128-B-2	TBD	TBD	128-B-2, 100-B Burn Pit #2	Burn Pit	Solid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
12	6 100B	100-BC-1	TBD	128-B-3	TBD	TBD	128-B-3, 100-B Dump Site, 128-B-3 Coal Ash and Demolition Waste Site, 128-B-3 Burning Pit Site, 600-57	Burn Pit	Solid and Liquid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
13	6 100B	100-BC-1	TBD	132-B-1	TBD	TBD	132-B-1, 108-B Tritium Separation Facility	Process Unit/Plant	Solid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
14	6 100B	100-BC-1	TBD	132-B-2	TBD	TBD	132-B-2, 116-B Reactor Exhaust Stack, 132-B-2 Stack	Stack	Solid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
15	6 100B	100-BC-1	TBD	132-B-3	TBD	TBD	132-B-3, 108-B Ventilation Exhaust Stack Site, 108-B Tritium Pilot Facility, Ventilation Exhaust Stack Site	Burial Ground	Solid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
16	6 100B	100-BC-1	TBD	132-B-4	TBD	TBD	132-B-4, 117-B Filter Building	Process Unit/Plant	Solid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
17	6 100B	100-BC-1	TBD	132-B-5	TBD	TBD	132-B-5, 115-B/C Gas Recirculation Facility	Process Unit/Plant	Solid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
18	6 100B	100-BC-1	TBD	132-B-6	TBD	TBD	132-B-6, 1904-B-2 Outfall Structure Site, 116-B-8, 1904-B2	Outfall	Liquid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
19	6 100B	100-BC-1	TBD	1607-B1	TBD	TBD	1607-B1, 1607-B1 Septic Tank System, 124-B-1, 1607-B1 Sanitary Sewer System	Septic Tank	Liquid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
20	6 100B	100-BC-1	TBD	1607-B2	TBD	TBD	1607-B2, 1607-B2 Septic Tank System, 124-B-2, 1607-B2 Sanitary Sewer System	Septic Tank	Liquid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
21	6 100B	100-BC-1	TBD	1607-B3	TBD	TBD	1607-B3, 1607-B3 Septic Tank System, 124-B-3, 1607-B3 Sanitary Sewer System Site	Septic Tank	Liquid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
22	6 100B	100-BC-1	TBD	1607-B4	TBD	TBD	1607-B4, 1607-B4 Septic Tank System, 124-B-6, 1607-B4 Sanitary Sewer System, 1607-B4 Septic Tank	Septic Tank	Liquid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	

DRAFT**100 AREA WASTE SITES****Group 6**

Design ID	Area	Overall Unit	Detailed Site Name	WIDS Site Code	SAP Name	TARA ROC Name	Alt.	Site Type	Type of Waste	Current Status	Status	Clean-up Policy	CIRAROC	RDR/RRA	Post RA Waste Volume	Design Volume	EPS/Proposed Plan	Record of Decision	Sampling and Analysis Plan	RDR/RRA Work Plan	Surveillance	Air Monitoring Plan	Groundwater Monitoring Plan	Solid Waste Site	Hazard Classification	Last Modified	Comments			
23	6100B	100-BC-1	TBD	1607-B5	TBD	TBD		1607-B5, 1607-B5 Septic Tank System, 1607-B4, 1607-B4 Septic Tank System, 124-B-4, 1607-B4 Sanitary Sewer System	Septic Tank	Liquid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
24	6100B	100-BC-1	TBD	1607-B6	TBD	TBD		1607-B6, 1607-B6 Septic Tank System, 1607-B5, 1607-B5 Septic Tank System, 124-B-5, 1607-B5 Sanitary Sewer System	Septic Tank	Liquid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99		
25	6100B	100-BC-1	TBD	1607-B7	TBD	TBD		1607-B7, 1607-B7 Septic Tank System, 1607-B7 Sanitary Sewer System, 124-C-1	Septic Tank	Liquid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99		
26	6100B	100-BC-1	TBD	132-C-2	TBD	TBD		132-C-2, 1904-C Outfall, 116-C-4	Outfall	Solid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99		
27	6100B	100-BC-2	TBD	1607-B8	TBD	TBD		1607-B8, 1607-B8 Septic Tank System, 124-C-2, 1607-B8 Sanitary Sewer System, Septic Tank & Disposal Field for 190-C Pumphouse	Septic Tank	Liquid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99		
28	6100C	100-BC-2	TBD	1607-B9	TBD	TBD		1607-B9, 1607-B9 Septic Tank System, 1607-B9 Sanitary Sewer System, 124-C-3	Septic Tank	Liquid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99		
29	6100C	100-BC-2	TBD	1607-B10	TBD	TBD		1607-B10, 1607-B10 Septic Tank System, Sewage Disposal Field	Septic Tank	Liquid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99		
30	6100C	100-BC-2	TBD	1607-B11	TBD	TBD		1607-B11, 1607-B11 Septic Tank System	Septic Tank	Liquid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99		
31	6100C	100-BC-2	TBD	100-C-3	TBD	TBD		100-C-3, 119-C Sample Building French Drain, 119-C French Drain	French Drain	Liquid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99		
32	6100C	100-BC-2	TBD	100-C-5	TBD	TBD		100-C-5, 100-C Water Treatment Facilities Underground Pipelines	Process Sewer	Solid and liquid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99		
33	6100C	100-BC-2	TBD	100-C-7	TBD	TBD		100-C-7, 183-C Filter Building /Pumproom Facility Foundation and Demolition Waste	Dumping Area	Solid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99		
34	6100C	100-BC-2	TBD	116-C-3	TBD	TBD		116-C-3, 105-C Chemical Waste Tanks	Storage Tank		Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99		
35	6100C	100-BC-2	TBD	116-C-6	TBD	TBD		116-C-6, 105-C Fuel Storage Basin Cleanout Percolation Pit, 105-C Pond	Pond	Liquid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99		
36	6100C	100-BC-2	TBD	118-C-3	TBD	TBD		118-C-3, 105-C Reactor Building	Reactor	Solid and Liquid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99		
37	6100C	100-BC-2	TBD	118-C-4	TBD	TBD		118-C-4, 105-C Horizontal Control Rod Storage Cave	Storage	Solid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99		
38	6100C	100-BC-2	TBD	128-C-1	TBD	TBD		128-C-1, 100-C Burning Pit	Burn Pit	Solid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99		
39	6100C	100-BC-2	TBD	132-C-1	TBD	TBD		132-C-1, 116-C Reactor Exhaust Stack Site, 105-C Reactor Stack Site,	Burial Ground	Solid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99		
40	6100C	100-BC-2	TBD	132-C-3	TBD	TBD		132-C-3, 117-C Filter Building	Process Unit/Plant	Solid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99		
41	6100D	100-DR-1	TBD	100-D-1	TBD	TBD		100-D-1, Contaminated Drain, Contaminated Storm Drain	Process Sewer	Liquid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99		
42	6100D	100-DR-1	TBD	100-D-2	TBD	TBD		100-D-2, Solid Waste Site, Lead Sheet	Foundation	Solid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99		
43	6100D	100-DR-1	TBD	100-D-3	TBD	TBD		100-D-3, Solid Waste Burial Ground, Silica Gel	Burial Ground	Solid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99		
44	6100D	100-DR-1	TBD	100-D-7	TBD	TBD		100-D-7, Undocumented Solid Waste Site	Dumping Area	Solid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99		

DRAFT**100 AREA WASTE SITES****Group 6**

ID	Design Group	Area	Facility Unique ID	Common Site Name	WILSS ID	Site Address	MAP Name	IRAROD Name	Site Type	Waste	Current Status	Last Survey	IRAROD	RDR/RA	Post RA	Design W.	FES	Proposed Plan	Record of Decisions	Sampling Plan	Corrective Action	Site Condition	Last Survey	Last Modified	Comments		
45	6	100D	100-DR-1	TBD	100-D-8	TBD	TBD	100-D-8, 105-DR Process Sewer Outfall Site, Undocumented Liquid Waste Site, 1907-DR	Outfall	Liquid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
46	6	100D	100-DR-1	TBD	100-D-9	TBD	TBD	100-D-9, 184-DA Boiler Oil Tank	Storage Tank	Liquid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
47	6	100D	100-DR-1	TBD	100-D-19	TBD	TBD	100-D-19, Sludge Trench #6, 107-D Sludge Trench #6	Trench	Solid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
48	6	100D	100-DR-1	TBD	100-D-24	TBD	TBD	100-D-24, 119D Sample Building Drywell	French Drain	Liquid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
49	6	100D	100-DR-1	TBD	100-D-30	TBD	TBD	100-D-30, 190-D Sodium Dichromate Soil Contamination, 185-D, 189-D Decontamination & Demolition Project, 185-D Sodium Dichromate Trench & Sump	Unplanned Release	Solid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
50	6	100D	100-DR-1	TBD	100-D-31	TBD	TBD	100-D-31, 100-D Water Treatment Facilities Underground Pipelines	Process Sewer	Solid and liquid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
51	6	100D	100-DR-1	TBD	100-D-50	TBD	TBD	100-D-50, 100-DR Water Treatment Facilities Underground Pipelines	Process Sewer	Solid and Liquid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
52	6	100D	100-DR-1	TBD	116-D-5	TBD	TBD	116-D-5, 1904-D Outfall Structure	Outfall	Liquid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
53	6	100D	100-DR-1	TBD	116-D-10	TBD	TBD	116-D-10, 105-D Fuel Storage Basin Cleanout Percolation Pit, 105-D Fuel Storage Discharge Ponds, 105-D Ponds	Pond	Liquid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
54	6	100D	100-DR-1	TBD	118-D-6	TBD	TBD	118-D-6, 105-D Reactor Building	Reactor	Solid and Liquid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
55	6	100D	100-DR-1	TBD	120-D-1	TBD	TBD	120-D-1, 100-D Ponds	Pond	Liquid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
56	6	100D	100-DR-1	TBD	120-D-2	TBD	TBD	120-D-2, 186-D Waste Acid Reservoir	Surface Impoundment	Liquid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
57	6	100D	100-DR-1	TBD	128-D-2	TBD	TBD	128-D-2	Burn Pit	Solid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
58	6	100D	100-DR-1	TBD	130-D-1	TBD	TBD	130-D-1, 1716-D Gasoline Storage Tank, 1706-D Gasoline Storage Tank	Storage Tank	Liquid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
59	6	100D	100-DR-1	TBD	132-D-1	TBD	TBD	132-D-1, 115-D/DR Gas Recirculating Facility	Process Unit/Plant	Solid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
60	6	100D	100-DR-1	TBD	132-D-2	TBD	TBD	132-D-2, 117-D Filter Building	Process Unit/Plant	Solid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
61	6	100D	100-DR-1	TBD	132-D-3	TBD	TBD	132-D-3, 1608-D Waste Water Pumping Station, 1608-D Effluent Pumping Station	Pump Station	Liquid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
62	6	100D	100-DR-1	TBD	132-D-4	TBD	TBD	132-D-4, 105-D Reactor Exhaust Stack	Stack	Solid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
63	6	100D	100-DR-1	TBD	1607-D4	TBD	TBD	1607-D4, 1607-D4 Septic Tank and Associated Drain Field, 124-D-4, 1607-D4 Sanitary Sewer System, 1607-D4 Septic Tank	Septic Tank	Liquid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
64	6	100D	100-DR-1	TBD	1607-D5	TBD	TBD	1607-D5, 1607-D5 Septic Tank and Associated Drain Field, 124-D-5, 1607-D5 Sanitary Sewer System, 1607-D5 Septic Tank	Septic Tank	Liquid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
65	6	100D	100-DR-1	TBD	116-DR-5	TBD	TBD	116-DR-5, 1904-DR Outfall Structure, 1904-DR	Outfall	Liquid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	
66	6	600	100-DR-1	TBD	628-3	TBD	TBD	628-3	Burn Pit	Solid	Assessment	N/A @ this Time	?	?	?	?	?	?	?	?	?	?	?	?	?	11-Feb-99	

100 AREA WASTE SITES

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Group 6

100 AREA WASTE SITES: BURIAL GROUNDS

Group 7

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ID	Design Group	Area	Operable Unit	Common Site Name	Waste Code	SAP Name	RA/ROD Name	Site Type	Current Status	IR/ROD	RDR/RA	Ass RA	Current Volume	Baseline Volume	Volume	Volume	Volume	ETS/Proposed Plan	Record of Decision	Analysis Plan	RDR/RA Work Plan	Status	Actual Monitoring	Next Deemed Closure	
1	7	100B	100-BC-2	TBD	118-B-1	TBD	TBD	118-B-1 105-B Burial Ground, 105-B Solid Waste Burial Ground, Operations, Solid Waste Burial Ground, 108-B Burial Ground, Ext. to BG No.1	Burial Ground	Solid	Assessment	N/A @ this Time	?	?	?	?	?	DOE/RL-98-18 Draft A/?	Pending	?	?	?	?	?	11-Feb-99
2	7	100B	100-BC-2	TBD	118-B-2	TBD	TBD	118-B-2 Minor Construction Burial Ground No. 1, 118-B-2 Construction Burial Ground No. 1	Burial Ground	Solid	Assessment	N/A @ this Time	?	?	?	?	?	DOE/RL-98-18 Draft A/?	Pending	?	?	?	?	?	11-Feb-99
3	7	100B	100-BC-2	TBD	118-B-3	TBD	TBD	118-B-3 Minor Construction Burial Ground No. 2	Burial Ground	Solid	Assessment	N/A @ this Time	?	?	?	?	?	DOE/RL-98-18 Draft A/?	Pending	?	?	?	?	?	11-Feb-99
4	7	100B	100-BC-2	TBD	118-B-4	TBD	TBD	118-B-4 105-B Spacer Burial Ground, 105-B Dummy Burial Ground	Burial Ground	Solid	Assessment	N/A @ this Time	?	?	?	?	?	DOE/RL-98-18 Draft A/?	Pending	?	?	?	?	?	11-Feb-99
5	7	?	?	TBD	118-B-5	TBD	TBD	118-B-5 Ball 3X Burial Ground	Burial Ground	Solid	Assessment	N/A @ this Time	?	?	?	?	?	DOE/RL-98-18 Draft A/?	Pending	?	?	?	?	?	11-Feb-99
6	7	100B	100-BC-2	TBD	118-B-6	TBD	TBD	118-B-6 108-B Solid Waste Burial Ground, No. 2	Burial Ground	Solid	Assessment	N/A @ this Time	?	?	?	?	?	DOE/RL-98-18 Draft A/?	Pending	?	?	?	?	?	11-Feb-99
7	7	?	?	TBD	118-B-7	TBD	TBD	118-B-7 Solid Waste Burial Site	Burial Ground	Solid	Assessment	N/A @ this Time	?	?	?	?	?	DOE/RL-98-18 Draft A/?	Pending	?	?	?	?	?	11-Feb-99
8	7	?	?	TBD	118-B-10	TBD	TBD	118-B-10 Ball 3X Storage Tank	Burial Ground	Solid	Assessment	N/A @ this Time	?	?	?	?	?	DOE/RL-98-18 Draft A/?	Pending	?	?	?	?	?	11-Feb-99
9	7	100C	100-BC-2	TBD	118-C-1	TBD	TBD	118-C-1 105-C Solid Waste Burial Ground, 118-C-1 Burial Ground	Burial Ground	Solid	Assessment	N/A @ this Time	?	?	?	-	?	DOE/RL-98-18 Draft A/?	Pending	?	?	?	?	?	11-Feb-99
10	7	100C	100-BC-2	TBD	118-C-2	TBD	TBD	118-C-2 105-C Ball Storage Tank, Ball 3X Storage Tank	Storage Tank	Solid	Assessment	N/A @ this Time	?	?	?	?	?	DOE/RL-98-18 Draft A/?	Pending	?	?	?	?	?	11-Feb-99
11	7	600	100-BC-2	TBD	600-35	TBD	TBD	600-33 105-C Reactor Test Loop Burial Site	Burial Ground	Solid	Assessment	N/A @ this Time	?	?	?	?	?	DOE/RL-98-18 Draft A/?	Pending	?	?	?	?	?	11-Feb-99
12	7	100D	100-DR-1	TBD	100-D-5	TBD	TBD	100-D-5 Undocumented Waste Site Near 103-D, Undocumented Solid Waste Site Undocumented Waste Site Near 103-D	Burial Ground	Solid	Assessment	N/A @ this Time	?	?	?	?	?	DOE/RL-98-18 Draft A/?	Pending	?	?	?	?	?	11-Feb-99
13	7	100D	100-DR-1	TBD	100-D-6	TBD	TBD	100-D-6 (118-D-4D) Buried VSR Thimble Site 4D, Minor Construction Burial Ground #1, Burial Ground 4D, 118-D-4D	Burial Ground	Solid	Assessment	N/A @ this Time	?	?	?	?	?	DOE/RL-98-18 Draft A/?	Pending	?	?	?	?	?	11-Feb-99
14	7	100D	100-DR-1	TBD	100-D-32	TBD	TBD	100-D-32 Minor Construction Burial Ground No. 6	Burial Ground	Solid	Assessment	N/A @ this Time	?	?	?	?	?	DOE/RL-98-18 Draft A/?	Pending	?	?	?	?	?	11-Feb-99
15	7	100D	100-DR-1	TBD	100-D-33	TBD	TBD	100-D-33 Minor Construction Burial Ground No. 4, 100-D-33 minor Construction Burial Ground #4 East Trench	Burial Ground	Solid	Assessment	N/A @ this Time	?	?	?	?	?	DOE/RL-98-18 Draft A/?	Pending	?	?	?	?	?	11-Feb-99
16	7	100D	100-DR-1	TBD	100-D-35	TBD	TBD	100-D-35 Minor Construction Burial Ground No. 4, 100-D-35 Minor Construction Burial Ground #4 West Trench	Burial Ground	Solid	Assessment	N/A @ this Time	?	?	?	?	?	DOE/RL-98-18 Draft A/?	Pending	?	?	?	?	?	11-Feb-99
17	7	100D	100-DR-2	TBD	100-D-40	TBD	TBD	100-D-40 Minor Construction Burial Ground #5 Hole	Burial Ground	Solid	Assessment	N/A @ this Time	?	?	?	?	?	DOE/RL-98-18 Draft A/?	Pending	?	?	?	?	?	11-Feb-99
18	7	100D	100-DR-1	TBD	100-D-41	TBD	TBD	100-D-41 (118-D-18) Construction Burial Ground, 100-D-41 Minor Construction Burial Ground #5 Trench, 118-18	Burial Ground	Solid	Assessment	N/A @ this Time	?	?	?	?	?	DOE/RL-98-18 Draft A/?	Pending	?	?	?	?	?	11-Feb-99
19	7	100D	100-DR-2	TBD	100-D-43	TBD	TBD	100-D-43 (118-D-4C) Buried VSR Thimble Site 4C, Burial Ground 4C	Burial Ground	Solid	Assessment	N/A @ this Time	?	?	?	?	?	DOE/RL-98-18 Draft A/?	Pending	?	?	?	?	?	11-Feb-99

100 AREA WASTE SITES: BURIAL GROUNDS Group 7

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100 AREA WASTE SITES

Attachment 4
2/23/93 100 Area Waste Sites.xls Page 1 of 7**DRAFT**

Group 100N

Line No.	Site Description	Location	Site ID	Site Name	Site Address	Site Type	Site Status	Site Assessment	Site Assessment Time	Site Assessment Date	Site Assessment Person	Site Assessment Result	Site Assessment Date	Site Assessment Person	Site Assessment Result	Site Assessment Date	Site Assessment Person	Site Assessment Result		
100 N 100N 100-NR-1	TBD	100-N-1	TBD	100-N-1	TBD	100-N-1, HGP Sealing Pond, Pond	Updatd	Assessment	N/A @ 00:00	?	?	?	?	?	?	?	?	?	?	
200 N 100N 100-NR-1	TBD	100-N-3	TBD	TBD	100-N-3, Maintenance, Garage, Burn, Water Treatment Unit, 100-N-3 Maintenance, Garage, Septic Systems	Fresh Debris Updatd	Assessment	N/A @ 00:00	?	?	?	?	?	?	?	?	?	?	?	
300 N 100N 100-NR-1	TBD	100-N-4	TBD	TBD	100-N-4, HGP Tie Field	Drain/Fire Updatd	Assessment	N/A @ 00:00	?	?	?	?	?	?	?	?	?	?	?	
400 N 100N 100-NR-1	TBD	100-N-5	TBD	TBD	100-N-5, HGP Dugout and Storage Area, HGP Burn, Yard, 100-N-5 HGP Burn, Yard	Storage, Solid and Liquid	Assessment	N/A @ 00:00	?	?	?	?	?	?	?	?	?	?	?	
500 N 100N 100-NR-1	TBD	100-N-6	TBD	TBD	100-N-6, 120-N-1, 120-N-PS, Burn Pit	Burn Pit Solid	Assessment	N/A @ 00:00	?	?	?	?	?	?	?	?	?	?	?	
600 N 100N 100-NR-1	TBD	100-N-7	TBD	TBD	100-N-7, 120-N-1, 120-N-PS, Burn Pit	Burn Pit Solid	Assessment	N/A @ 00:00	?	?	?	?	?	?	?	?	?	?	?	
700 N 100N 100-NR-1	TBD	100-N-8	TBD	TBD	100-N-8, 100-N-100-N Unplanned Release	Storage Solid	Assessment	N/A @ 00:00	?	?	?	?	?	?	?	?	?	?	?	
800 N 100N 100-NR-1	TBD	100-N-9	TBD	TBD	100-N-9, 120-N-5 Facility Liquid Unplanned Release, 100-N-7, 100-N-9, 120-N-5 Unplanned Release	Facility Liquid Unplanned Release	Unplanned	Unplanned	Assessment	N/A @ 00:00	?	?	?	?	?	?	?	?	?	?
900 N 100N 100-NR-1	TBD	100-N-10	TBD	TBD	100-N-10, 120-N-5 Facility Liquid Unplanned Release, 100-N-7, 100-N-9, 120-N-5 Unplanned Release	Facility Liquid Unplanned Release	Unplanned	Unplanned	Assessment	N/A @ 00:00	?	?	?	?	?	?	?	?	?	?
1000 N 100N 100-NR-1	TBD	100-N-11	TBD	TBD	100-N-11, 120-N-5 Facility Liquid Unplanned Release, 100-N-7, 100-N-9, 120-N-5 Unplanned Release	Facility Liquid Unplanned Release	Unplanned	Unplanned	Assessment	N/A @ 00:00	?	?	?	?	?	?	?	?	?	?
1100 N 100N 100-NR-1	TBD	100-N-12	TBD	TBD	100-N-12, 100-N-13, 100-N-14, 100-N-15, 100-N-16, 100-N-17, 100-N-18, 100-N-19, 100-N-20, 100-N-21, 100-N-22, 100-N-23, 100-N-24, 100-N-25, 100-N-26, 100-N-27, 100-N-28, 100-N-29, 100-N-30, 100-N-31, 100-N-32, 100-N-33, 100-N-34, 100-N-35, 100-N-36, 100-N-37, 100-N-38, 100-N-39, 100-N-40, 100-N-41, 100-N-42, 100-N-43, 100-N-44, 100-N-45, 100-N-46, 100-N-47, 100-N-48, 100-N-49, 100-N-50, 100-N-51, 100-N-52, 100-N-53, 100-N-54, 100-N-55, 100-N-56, 100-N-57, 100-N-58, 100-N-59, 100-N-60, 100-N-61, 100-N-62, 100-N-63, 100-N-64, 100-N-65, 100-N-66, 100-N-67, 100-N-68, 100-N-69, 100-N-70, 100-N-71, 100-N-72, 100-N-73, 100-N-74, 100-N-75, 100-N-76, 100-N-77, 100-N-78, 100-N-79, 100-N-80, 100-N-81, 100-N-82, 100-N-83, 100-N-84, 100-N-85, 100-N-86, 100-N-87, 100-N-88, 100-N-89, 100-N-90, 100-N-91, 100-N-92, 100-N-93, 100-N-94, 100-N-95, 100-N-96, 100-N-97, 100-N-98, 100-N-99, 100-N-100, 100-N-101, 100-N-102, 100-N-103, 100-N-104, 100-N-105, 100-N-106, 100-N-107, 100-N-108, 100-N-109, 100-N-110, 100-N-111, 100-N-112, 100-N-113, 100-N-114, 100-N-115, 100-N-116, 100-N-117, 100-N-118, 100-N-119, 100-N-120, 100-N-121, 100-N-122, 100-N-123, 100-N-124, 100-N-125, 100-N-126, 100-N-127, 100-N-128, 100-N-129, 100-N-130, 100-N-131, 100-N-132, 100-N-133, 100-N-134, 100-N-135, 100-N-136, 100-N-137, 100-N-138, 100-N-139, 100-N-140, 100-N-141, 100-N-142, 100-N-143, 100-N-144, 100-N-145, 100-N-146, 100-N-147, 100-N-148, 100-N-149, 100-N-150, 100-N-151, 100-N-152, 100-N-153, 100-N-154, 100-N-155, 100-N-156, 100-N-157, 100-N-158, 100-N-159, 100-N-160, 100-N-161, 100-N-162, 100-N-163, 100-N-164, 100-N-165, 100-N-166, 100-N-167, 100-N-168, 100-N-169, 100-N-170, 100-N-171, 100-N-172, 100-N-173, 100-N-174, 100-N-175, 100-N-176, 100-N-177, 100-N-178, 100-N-179, 100-N-180, 100-N-181, 100-N-182, 100-N-183, 100-N-184, 100-N-185, 100-N-186, 100-N-187, 100-N-188, 100-N-189, 100-N-190, 100-N-191, 100-N-192, 100-N-193, 100-N-194, 100-N-195, 100-N-196, 100-N-197, 100-N-198, 100-N-199, 100-N-200, 100-N-201, 100-N-202, 100-N-203, 100-N-204, 100-N-205, 100-N-206, 100-N-207, 100-N-208, 100-N-209, 100-N-210, 100-N-211, 100-N-212, 100-N-213, 100-N-214, 100-N-215, 100-N-216, 100-N-217, 100-N-218, 100-N-219, 100-N-220, 100-N-221, 100-N-222, 100-N-223, 100-N-224, 100-N-225, 100-N-226, 100-N-227, 100-N-228, 100-N-229, 100-N-230, 100-N-231, 100-N-232, 100-N-233, 100-N-234, 100-N-235, 100-N-236, 100-N-237, 100-N-238, 100-N-239, 100-N-240, 100-N-241, 100-N-242, 100-N-243, 100-N-244, 100-N-245, 100-N-246, 100-N-247, 100-N-248, 100-N-249, 100-N-250, 100-N-251, 100-N-252, 100-N-253, 100-N-254, 100-N-255, 100-N-256, 100-N-257, 100-N-258, 100-N-259, 100-N-260, 100-N-261, 100-N-262, 100-N-263, 100-N-264, 100-N-265, 100-N-266, 100-N-267, 100-N-268, 100-N-269, 100-N-270, 100-N-271, 100-N-272, 100-N-273, 100-N-274, 100-N-275, 100-N-276, 100-N-277, 100-N-278, 100-N-279, 100-N-280, 100-N-281, 100-N-282, 100-N-283, 100-N-284, 100-N-285, 100-N-286, 100-N-287, 100-N-288, 100-N-289, 100-N-290, 100-N-291, 100-N-292, 100-N-293, 100-N-294, 100-N-295, 100-N-296, 100-N-297, 100-N-298, 100-N-299, 100-N-300, 100-N-301, 100-N-302, 100-N-303, 100-N-304, 100-N-305, 100-N-306, 100-N-307, 100-N-308, 100-N-309, 100-N-310, 100-N-311, 100-N-312, 100-N-313, 100-N-314, 100-N-315, 100-N-316, 100-N-317, 100-N-318, 100-N-319, 100-N-320, 100-N-321, 100-N-322, 100-N-323, 100-N-324, 100-N-325, 100-N-326, 100-N-327, 100-N-328, 100-N-329, 100-N-330, 100-N-331, 100-N-332, 100-N-333, 100-N-334, 100-N-335, 100-N-336, 100-N-337, 100-N-338, 100-N-339, 100-N-340, 100-N-341, 100-N-342, 100-N-343, 100-N-344, 100-N-345, 100-N-346, 100-N-347, 100-N-348, 100-N-349, 100-N-350, 100-N-351, 100-N-352, 100-N-353, 100-N-354, 100-N-355, 100-N-356, 100-N-357, 100-N-358, 100-N-359, 100-N-360, 100-N-361, 100-N-362, 100-N-363, 100-N-364, 100-N-365, 100-N-366, 100-N-367, 100-N-368, 100-N-369, 100-N-370, 100-N-371, 100-N-372, 100-N-373, 100-N-374, 100-N-375, 100-N-376, 100-N-377, 100-N-378, 100-N-379, 100-N-380, 100-N-381, 100-N-382, 100-N-383, 100-N-384, 100-N-385, 100-N-386, 100-N-387, 100-N-388, 100-N-389, 100-N-390, 100-N-391, 100-N-392, 100-N-393, 100-N-394, 100-N-395, 100-N-396, 100-N-397, 100-N-398, 100-N-399, 100-N-400, 100-N-401, 100-N-402, 100-N-403, 100-N-404, 100-N-405, 100-N-406, 100-N-407, 100-N-408, 100-N-409, 100-N-410, 100-N-411, 100-N-412, 100-N-413, 100-N-414, 100-N-415, 100-N-416, 100-N-417, 100-N-418, 100-N-419, 100-N-420, 100-N-421, 100-N-422, 100-N-423, 100-N-424, 100-N-425, 100-N-426, 100-N-427, 100-N-428, 100-N-429, 100-N-430, 100-N-431, 100-N-432, 100-N-433, 100-N-434, 100-N-435, 100-N-436, 100-N-437, 100-N-438, 100-N-439, 100-N-440, 100-N-441, 100-N-442, 100-N-443, 100-N-444, 100-N-445, 100-N-446, 100-N-447, 100-N-448, 100-N-449, 100-N-450, 100-N-451, 100-N-452, 100-N-453, 100-N-454, 100-N-455, 100-N-456, 100-N-457, 100-N-458, 100-N-459, 100-N-460, 100-N-461, 100-N-462, 100-N-463, 100-N-464, 100-N-465, 100-N-466, 100-N-467, 100-N-468, 100-N-469, 100-N-470, 100-N-471, 100-N-472, 100-N-473, 100-N-474, 100-N-475, 100-N-476, 100-N-477, 100-N-478, 100-N-479, 100-N-480, 100-N-481, 100-N-482, 100-N-483, 100-N-484, 100-N-485, 100-N-486, 100-N-487, 100-N-488, 100-N-48															

Group 100N

DRAFT**100 AREA WASTE SITES****Group 100N**

ID	Group	Area	Operable Unit	Contaminated Site Name	Site Type	SAP Code	SAP Name	TRA/ROU Name	Site Type	Assessment Status	Current Status	Estimated Volume	RA EOD Volume	DOE/RL Volume	Per RA Volume	DOE Water Volume	DOE Proposed Plan	Report of Decision	Final Plan	PLANS/WORKS	Recorded Substatus	Comments	Comments
44	100 N	100N	100-NR-1	TBD	100-N-52	TBD	TBD	100-N-52, HGP Gasoline Storage Tank, 100-N-52 Maintenance Garage East of HGP	Storage Tank	Solid	Assessment	N/A @ this Time	?	?	?	?	/DOE/RL-96-102	?	?	?	?	?	15-Feb-99
45	100 N	100N	100-NR-1	TBD	100-N-58	TBD	TBD	100-N-58, South Pond, South Sealing Pond, 1324-N South Sealing Pond	Pond	Solid and liquid	Assessment	N/A @ this Time	?	?	?	?	/DOE/RL-96-102	?	?	?	?	?	15-Feb-99
46	100 N	100N	100-NR-1	TBD	100-N-65	TBD	TBD	100-N-65, UPR-100-N-17 Interceptor Trench, Diesel Oil Interceptor Trench, 100-N-65 Diesel Burn Pk	Trench	Liquid	Assessment	N/A @ this Time	?	?	?	?	/DOE/RL-96-102	?	?	?	?	?	15-Feb-99
47	100 N	100N	100-NR-1	TBD	116-N-1	TBD	TBD	116-N-1, 1301-N Liquid Waste Disposal Facility, 1301-N Crib and Trench	Crib	Liquid	Assessment	N/A @ this Time	?	?	?	?	/DOE/RL-97-30	?	?	?	?	?	15-Feb-99 Two sites: Trench and Crib
48	100 N	100N	100-NR-1	TBD	116-N-2	TBD	TBD	116-N-2, 1310-N Chemical Waste Storage Tank, The Gold Ball, 1310-N Waste Storage Area	Storage Tank	Liquid	Assessment	N/A @ this Time	?	?	?	?	/DOE/RL-96-102	?	?	?	?	?	15-Feb-99
49	100 N	100N	100-NR-1	TBD	116-N-3	TBD	TBD	116-N-3, 1325-N Liquid Waste Disposal Facility, 1325-N Crib and Trench	Crib	Liquid	Assessment	N/A @ this Time	?	?	?	?	/DOE/RL-97-30	?	?	?	?	?	15-Feb-99 Two sites: Trench and Crib
50	100 N	100N	100-NR-1	TBD	116-N-4	TBD	TBD	116-N-4, Emergency Dump Basin 1300-N Emergency Dump Basin	Release Basis	Solid and liquid	Assessment	N/A @ this Time	?	?	?	?	/DOE/RL-96-102	?	?	?	?	?	15-Feb-99
51	100 N	100N	100-NR-1	TBD	116-N-8	TBD	TBD	116-N-8, 163-N Mixed Waste and Hazardous Waste Container Storage Pad, 116-N-8 Storage Pad	Storage Pad (<90 day)	Solid	Assessment	N/A @ this Time	?	?	?	?	/DOE/RL-96-102	?	?	?	?	?	15-Feb-99
52	100 N	100N	100-NR-1	TBD	118-N-1	TBD	TBD	118-N-1, 100-N Arca Silos, 100-N Arca Spacer Silos, 118-N, 1303-N Spacer Silos, 1303-N Radioactive Dummy Burial Facility, 118-N-1 Spacer Silos	Silo	Solid	Assessment	N/A @ this Time	?	?	?	?	/DOE/RL-96-102	?	?	?	?	?	15-Feb-99
53	100 N	100N	100-NR-1	TBD	120-N-1	TBD	TBD	120-N-1, 1324-NA Percolation Pond	Pond	Liquid	Assessment	N/A @ this Time	?	?	?	?	/DOE/RL-96-102	?	?	?	?	?	15-Feb-99
54	100 N	100N	100-NR-1	TBD	120-N-2	TBD	TBD	120-N-2, 1324-N Surface Impoundment	Surface Impoundment	Liquid	Assessment	N/A @ this Time	?	?	?	?	/DOE/RL-96-102	?	?	?	?	?	15-Feb-99
55	100 N	100N	100-NR-1	TBD	120-N-3	TBD	TBD	120-N-3, 163-N Neutralization Pit and French Drain	French Drain	Liquid	Assessment	N/A @ this Time	?	?	?	?	/DOE/RL-96-102	?	?	?	?	?	15-Feb-99
56	100 N	100N	100-NR-1	TBD	120-N-4	TBD	TBD	120-N-4, 1310-N Hazardous Waste Storage Area, 1310-N Waste Oil Storage Pad, 1310-N Non-Hazardous Waste Pad, 120-N-4 Hazardous Waste Storage Area	Storage Pad (<90 day)	Solid and liquid	Assessment	N/A @ this Time	?	?	?	?	/DOE/RL-96-102	?	?	?	?	?	15-Feb-99
57	100 N	100N	100-NR-1	TBD	120-N-5	TBD	TBD	120-N-5, 108-N/163-N Transfer Line And Neutralization Pit, 120-N-5 108-N Transfer Line	Sump	Liquid	Assessment	N/A @ this Time	?	?	?	?	/DOE/RL-96-102	?	?	?	?	?	15-Feb-99
58	100 N	100N	100-NR-1	TBD	120-N-6	TBD	TBD	120-N-6, 108-N Acid Tank Vene French Drain, 120-N-6 Five 108-N French Drain	French Drain	Liquid	Assessment	N/A @ this Time	?	?	?	?	/DOE/RL-96-102	?	?	?	?	?	15-Feb-99
59	100 N	100N	100-NR-1	TBD	120-N-7	TBD	TBD	120-N-7, 100-N Acid Unloading Facility French Drain, 120-N-7 Unloading French Drain	French Drain	Liquid	Assessment	N/A @ this Time	?	?	?	?	/DOE/RL-96-102	?	?	?	?	?	15-Feb-99
60	100 N	100N	100-NR-1	TBD	120-N-8	TBD	TBD	120-N-8, 163-N Sulfuric Acid Tank Vene French Drain, 120-N-8 Sulfuric Vene French Drain	French Drain	Liquid	Assessment	N/A @ this Time	?	?	?	?	/DOE/RL-96-102	?	?	?	?	?	15-Feb-99
61	100 N	100N	100-NR-1	TBD	124-N-1	TBD	TBD	124-N-1, 124-N-1 Septic Tank, 100-N Sanitary Sewer System No. 1, 124-N-1 Septic System	Septic Tank	Solid and liquid	Assessment	N/A @ this Time	?	?	?	?	/DOE/RL-96-102	?	?	?	?	?	15-Feb-99
62	100 N	100N	100-NR-1	TBD	124-N-2	TBD	TBD	124-N-2, 124-N-2 Septic Tank, 100-N Sanitary Sewer System No. 2, 124-N-2 Septic System	Septic Tank	Solid and liquid	Assessment	N/A @ this Time	?	?	?	?	/DOE/RL-96-102	?	?	?	?	?	15-Feb-99

Group 100N

Group 100N

roup 100N

Group 100N

Site ID	Site Name	Location	Owner	Address	Phone	Site Type	Description	Assessment	Action	DOERL No.	DOERL Date
111 100 N 100N	100-NR-1	TBD	UPR-100-N	TBD	38	UPR-100-N	Upgraded	Upd	Assessment	N/A @ obs	15-Feb-97
							Fractional Liquid Unplanned Release, 100-N Spring 983				
							Caniac Tree Spill 116-N-2				
							UPR-100-N-34 116-N-2				
							Caniac Spill				
112 100 N 100N	100-NR-1	TBD	UPR-100-N	TBD	39	UPR-100-N	Upgraded	Upd	Assessment	N/A @ obs	15-Feb-97
							Suspect Liquid Unplanned Release, Caniac sp., UPR-				
							Release (caniac sp., UPR-				
							Release) (caniac sp., UPR-				
							Release)				
113 100 N 100N	100-NR-1	TBD	UPR-100-N	TBD	40	UPR-100-N	Upgraded	Upd	Assessment	N/A @ obs	15-Feb-97
							Waste Treatment System				
							Liquid UPR (100-N-36,				
							cleaned up), 116-N-15-N				
							Caution/Arrow Regeneration				
							Waste Spill (116-N-27)				
114 100 N 100N	100-NR-1	TBD	UPR-100-N	TBD	41	UPR-100-N	Upgraded	Upd	Assessment	N/A @ obs	15-Feb-97
							Waste Treatment System				
							Liquid UPR 116-N				
							Regeneration, Waste Spill				
115 100 N 100N	100-NR-1	TBD	UPR-100-N	TBD	42	UPR-100-N	Upgraded	Upd	Assessment	N/A @ obs	15-Feb-97
							UPR-100-N-32, 116-N Day				
							Unplanned Release				
							Release, 100-N-18-N, Day				
							Peak Dead Oil Spill, UPR-				
							100-N-42 116-N Diesel Oil				
							Spill				
116 100 N 100N	100-NR-1	TBD	UPR-100-N	TBD	43	UPR-100-N	Upgraded	Upd	Assessment	N/A @ obs	15-Feb-97
							N Petroleum Liquid				
							Unplanned Release 2				
							(420-N-3 cleaned up), UPR-				
							100-N-43 Pipelines				
117 100 N 100	100-NR-1	TBD	UPR-100-N	TBD	44	UPR-100-N	Upgraded	Upd	Assessment	N/A @ obs	15-Feb-97
							Oil Spill, UPR-100-17, UPR-100-17 Panel Box Spill				
							Spill Site				
							Assessment				
							Time				
118 100 N 100	100-NR-1	TBD	?	TBD	?	?	DOERL-97-102	?			
							DOERL-97-102 and?				
							DOERL-97-30				
119 100 N 100	100-NR-1	TBD	?	TBD	?	?	DOERL-96-102	?			
							Piping, Pipe				
							Assessment				
							Time				

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Sorted by : Due Date

Date Date:01/31/99

Milestone Reference Change Number(s) Responsible Proj. Mgr. BHI Proj. Control Supv.	(Submit to Regulators) 1. Compliance Due Date 2. Forecast (F) / Actual (A)	Milestone Description	Status Code	Comments
M-16-26A M-16-98-02 M-16-98-01 Dronen Dillon	3/31/99 3/31/99F	Initiate Remedial Action in the 100-HR-1 Operable Unit	ON SCHEDULE	DOE released the hold on award of significant subcontracts in January. Subsequently, BHI issued a notice of award for the Group 4 Remedial Action subcontract on January 22, 1999.
M-16-08B M-16-98-02 M-16-98-01 Dronen Dillon	9/30/99 12/31/99F	Complete Remediation and Backfill of 19 Liquid Waste Sites and In the 100-BC-1/100-BC-2 OU's as defined in the Remedial Design Report/Remedial Action Work Plan for the 100 Area	UNRECOVERABLE	Discovery of Chrome 6 Impacts backfill completion by 09/30/99.
M-15-00A M-15-94-09 Dronen Dillon	12/31/99 12/31/99F (Projected)	Complete all remaining 100 Area Operable Unit pre-Rod site investigations under approved Work Plan schedules(100-KR-2, 100-KR-3, 100-FR-2, 100-IU2, and 100-IU-6).	ON SCHEDULE	Work also being done in other OU's for 100 Area burial grounds as part of this milestone.
M-16-13A M-16-98-03 Dronen Dillon	1/31/00 1/31/00F	Initiate Remedial Action in the 100-FR-1 Operable Unit	PROGRAM PLANNING	On schedule per 99-01 DWP
M-16-07B M-16-98-03 M-16-98-01 Dronen Dillon	4/30/2000 8/31/2000F	Complete Remediation and Backfill of 22 Liquid Waste Sites and Process Effluent Pipelines in the 100-DR-1/100-DR-2 OU's as defined in the Remedial Design Report/Remedial Action Work Plan for the 100 Area	UNRECOVERABLE	Not achievable per 99-01 DWP
M-16-26C M-16-98-03 M-16-98-01 Dronen Dillon	8/31/2000 8/31/2000F	Complete Remediation and Backfill of 10 Liquid Waste Sites and Process Effluent Pipelines in the 100-HR-1 Operable Units as defined in the Remedial Design Report/Remedial Action Work Plan for the 100 Area	ON SCHEDULE	On schedule per 99-01 DWP
M-16-26B M-16-98-03 M-16-98-01 Dronen Dillon	2/28/2001 FY2003	Complete Remediation and Backfill of 51 Liquid Waste Sites and Process Pipelines in the 100-BC-1/100-BC-2, 100-DR-1/100-DR-2, and 100-HR-1 Operable Units as defined in the Remedial Design Report/Remedial Action Work Plan for the 100 Area	UNRECOVERABLE	Not achievable per 99-01 DWP
M-16-00F M-16-94-03 Dronen Dillon	12/31/2001 12/31/2001F	Establish date for completion of all 100 Area Remedial Actions.	PROGRAM PLANNING	



Sorted by : Due Date

Data Date:01/31/99

Milestone Reference Change Number(s) Responsible Proj. Mgr. BHI Proj. Control Supv.	(Submit to Regulators) 1. Compliance Due Date 2. Forecast (F) / Actual (A)	Milestone Description	Status Code	Comments
M-16-10A M-16-98-03 Dronen Dillon	7/31/2002 7/31/2002F	Initiate Remedial Action in the 100-KR-1 O.U.	PROGRAM PLANNING	
M-16-13B M-16-98-03 Dronen Dillon	8/31/2003 8/31/2003F	Complete Remediation and Backfill of 16 Liquid Waste Sites and Process Effluent Pipelines in the 100-FR-1/100-FR-2 OU's as defined in the Remedial Design Report/Remedial Action Work Plan for the 100-Area	PROGRAM PLANNING	
M-16-00A M-16-94-03 Dronen Dillon	09/30/2012 9/30/2011F (Projected)	Complete all 100 Area Remedial Actions.	PROGRAM PLANNING	
M-16-00 M-16-94-03 Hughes Fox	9/30/2018 9/30/2026F (Projected)	Complete Remedial Actions for all Non-Tank Farm OU's and D&D of all 100 Area Bldgs.(except 105B,C,D, DR, F, H, Ke, Kw, N-Reactor Bldgs).	PROGRAM PLANNING	

100 Area Candidate Hexavalent Chromium Soil Sites

Location/Site ID	Description	Soil data? (reference)	Comments
100-B/C Area:			
Pluto crib, sand filter, pump station (116-C-2A, 116-C-2B, and 116-C-2C)		The sand filter media was measured recently at ~400 mg/kg Cr(VI) (M. Sturges, reference?); sampling > UTL 22.9-26.9 ft, others < background 6 samples (A. Krug, Chromium Data Summary)	Cr(VI) in sand filter
116-B-2 Trench	Process knowledge 4 M L (A. Krug, Chromium Data Summary)	Detects < background 4 samples, Cr in adjacent GW well soil (A. Krug, Chromium Data Summary)	Unlikely to be a significant Cr(VI) soil site
100 D Area:			
116-D-1A Trench	Process knowledge 2200 # (A. Krug, Chromium Data Summary)	Sampling > UTL 12.2-14.7, 17-19.5, 33-35, 41-43.5 ft, others < background 9 samples (A. Krug, Chromium Data Summary)	Possibly significant CrVI soil site? Very high disposal inventory (but no CrVI soil data?).
116-D-1B Trench	Process knowledge 1540 # (A. Krug, Chromium Data Summary)	Sampling > UTL 14-16.3, 17-19.6 ft, others < background 7 samples (A. Krug, Chromium Data Summary)	Possibly significant CrVI soil site? Very high disposal inventory.
Sodium dichromate transfer station 100-D-12	Chromate stock transferred from railcar to transfer lines	CrVI screening data 0.05-0.8 ppm from 3 pits; Cr sampling	CrVI soil data indicates low levels present (<1 ppm),

		Pit 1 > UTL 0-1.5, 1.5-5, 5-10, 10-15 ft, others < background 8 samples (A. Krug, Chromium Data Summary); CrVI analyzed in two soil samples from pit 0.04 and 0.18 mg/kg (BHI-01185)	probably not major CrVI source.
Former sodium dichromate tank at 108-D building		Pit 1 soil samples <.1 mg/kg CrVI (BHI-01185).	No CrVI in soil?
190-D Complex/sodium dichromate pipe trench		Pipe trench soil samples analyzed for CrVI with highest value of 7 mg/kg (BHI-01185)	Yellow staining noted on ground but removed during demolition. Recent informal sampling indicates scattered areas of CrVI staining/residue (~300 mg/kg).
Underground piping between facilities		Mostly <1mg/kg CrVI for samples taken from pits except for Pit 5 with 1.68 and 13.9 mg/kg (BHI-01185)	Piping appeared to be intact, low probability of significant leakage except possibly at location of Pit 5.
100 K Area:			
Sodium dichromate tank site & railcar transfer station 120-KE-6	Chromate stock transferred from railcar	Possible Cr(VI) staining in area recently observed. (WHC-SD-TI-239)	High Cr levels historically observed in well 199-K-36 (PNNL-11793), high possibility of significant CrVI contamination of soil at site.
100 KW Sodium dichromate tank site & railcar transfer station	As above.	CrVI stains/residues in area.	Recent informal sampling indicates scattered areas of CrVI residues in soil (~300 mg/kg).



U.S. Department of Energy

Richland Operations Office
P.O. Box 550
Richland, Washington 99352

Attachment 7

JUL 07 1997

047958

Mr. Steve M. Alexander
Perimeter Areas Section Manager
Nuclear Waste Program
State of Washington
Department of Ecology
1315 W. Fourth Avenue
Kennewick, Washington 99336-6018

Mr. Douglas R. Sherwood
Hanford Project Manager
U.S. Environmental Protection Agency
712 Swift Boulevard, Suite 5
Richland, Washington 99352-0539

FROM: Rick Donahoe
7/21/97
cc: F. CORPVZ
J. Frank
A. Langstaff
J. Howard
R. Moore
W. Pelly

Dear Messrs. Alexander and Sherwood:

INCLUSION OF PROXIMITY SITES 100-D-52 AND 116-B-16 FOR REMEDIAL ACTION

Per the requirements stated in the interim action Record of Decision (ROD) for the 100-BC-1, 100-DR-1, and 100-HR-1 Operable Units, and the "100 Area Remedial Design Report/Remedial Action Work Plan," DOE/RL-96-17, the U.S. Department of Energy, Richland Operations Office (RL), is requesting concurrence from the U.S. Environmental Protection Agency (EPA) and the State of Washington Department of Ecology (Ecology) for the inclusion of 100-D-52 and 116-B-16 waste sites for remedial action.

The 100-D-52 (105-D Downcomer Insulation Space Drain Dry Well) waste site is situated near the effluent pipeline that extends from the 105-D Building. It is a prime candidate for cost-effective inclusion during remediation due to its proximity to a Group 3 waste site. RL also requests that the waste site 116-B-16 be added for remedial action due to its location in the excavation lay back area of 116-B-6A, a Group 3 site.

These sites are not included in the 37 waste sites identified in the ROD, however, RL would like to remediate them concurrent with Group 3 waste sites.

If you have any questions, please contact me on 376-9552.

Sincerely,

Glenn I. Goldberg, Project Manager
Remedial Actions Project

RAP:GIG

cc: C. E. Corriveau, BHI
R. L. Donahoe, BHI
D. A. Faulk, EPA

C. W. Hodel, CHI
K. K. Holliday, Ecology
J. R. James, BHI

E 565000

REMEDIAL ACTION -
CENTRAL SUPPORT
FACILITY (MO-474)
(BY OTHERS)

E 565200

E 565400

E 565600

E 565800

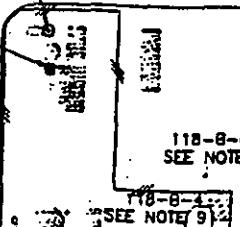
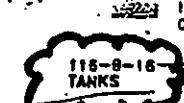
BUILDING CORNER
N 144749.42
E 565177.55HISTORICAL MONUMENT
25-FT EXCLUSION ZONE
SEE NOTE 7

151-8

SAFE STORAGE
ENCLOSURE PROJECT
SEE NOTE 8116-B-10
DRY WELL116-B-9
FRENCH DRAIN

B AVENUE (SEE NOTE 2)

100-B-3

116-B-6:
SEE NOTE 9116-B-4:
SEE NOTE 9116-B-3
SEE NOTE 9EXISTING SECURITY
FENCE
SEE NOTE 5 & 6116-B-2
SEE NOTE 9116-B-3
PLUTO CRIB116-B-2
FUEL STORAGE
BASIN TRENCH116-B-4
PLUMES116-B-12
CRIB116-B-6A
CRIBEXISTING
LIGHT POLE
LAYDOWN AREA100-B-1
116-B-6B
CRIB

▲

▲

116-C-3
SEE NOTE 9116-C-6
SEE NOTE 9116-C-28
PUMP STATION116-C-27
CRIB SAND/FILTER116-C-24
PLUTO CRIB116-C-1
SEE NOTE 9SCALE 1:2000
20 0 20 40 60
1 cm = 20 meters

RECORD NO.	BLDG NO.	INDEX NO.
H-1-B1871 Sht 1	100B	0110

SUBJECT 116-D-7 Cr(VI) UPDATE AND 100 D AREA VADOSE ZONE CHARACTERIZATION

TO Distribution

FROM M. H. Sturges

DATE February 23, 1999

MHS

ATTENDEES

F. M. Corpuz X9-06
G. I. Goldberg H0-12
A. L. Langstaff X3-40
R. E. Moore X3-40
W. W. Soper B5-18
M. H. Sturges X3-40
A. C. Tortoso H0-12

DISTRIBUTION

Attendees, w/a
R. D. Belden X9-06, w/a
K. E. Cook H9-02, w/a
J. D. Fancher H9-02, w/a
D. A. Faulk B5-01, w/a
J. M. Frank X9-06, w/a
I. D. Jacques X9-06, w/a
R. B. Kerkow X3-40, w/a
R. W. Ovink H9-03, w/a
M. T. Stankovich X9-06, w/a
C. H. Stewart X3-40, w/a
Project Files X9-06
Document and Information Services H0-09

Attachment: Meeting Agenda

The subject meeting was held on Thursday, February 4, 1999 at 3350 George Washington Way, conference room 2B32. Two main topics were discussed: 1) Status of 116-D-7 deep zone remediation of hexavalent chromium (Cr(VI) in abbreviation), and 2) 100-D Area Vadose Zone Characterization. A meeting agenda was provided (Attachment).

116-D-7 Waste Site Cr(VI) Update

The status of the deep zone Cr(VI) excavation efforts was discussed (refer also to meeting minutes "100 BC and DR Remedial Action Current Deep Zone Hexavalent Chromium Issues", dated 12/15/98, CCN 064330.) The excavation of a one-meter lift from the base of the 116-D-7 site was nearly complete at the time of the meeting. Soil sample results from three of the five sample areas show Cr(VI) values in excess of the 2.2 mg/kg remedial action goal (RAG) limit, ranging from 3.4 to 4.7 mg/kg. A map showing the analytical results was viewed in the meeting.

After discussion it was decided that as a first course of action, "pothole" characterization would be performed prior to initiating any additional vertical excavation/remediation, in an attempt to estimate the required depth of excavation to attain the 2.2 mg/kg RAG. Alvin Langstaff stated that an estimate for the work would be prepared and submitted to the U.S. Department of Energy and the U.S. Environmental Protection Agency prior to starting the work.

The pothole will extend down to the practical mechanical reach of the subcontractor's excavator (approximately five meters performed from the bottom of the existing excavation.) Groundwater is approximately 13 meters below the bottom of the existing excavation. Samples will be collected at one meter intervals starting at the current ground surface. Samples will be obtained from the excavator bucket and analyzed for Cr(VI) (quick turn lab (QTL) protocol.) The actual pothole location will be determined based upon the results of current tests in progress, from the existing excavation surface. Wayne Soper indicated that Washington State Department of Ecology did not need to concur on the final details of the potholing plan prior to proceeding with the work. This sampling event would also be used to obtain samples for Cr(VI) K_d and leachability testing.

The attendees also discussed the possible outcomes of the pothole characterization effort at 116-D-7. If the results show Cr(VI) attenuating at depth, further excavation may be considered. If the results show Cr(VI) contamination (above the 2.2 mg/kg limit) extending down at greater depths, alternate approaches including balancing factors, would be considered.

The 116-D-7 draft cleanup verification model developed to estimate deep zone contaminants of concern (COC) concentrations was discussed. The model is based on site specific information and radionuclide results obtained from *Radiological Characterization of the Retired 100 Areas* (Dorian and Richards, 1978). Wayne Soper agreed that the methods and approach for this model were appropriate for the 116-D-7 site. The attendees also discussed the application of a similar approach for 116-DR-9. Wayne Soper also agreed that a similar approach for 116-DR-9 was acceptable.

100-D Area Vadose Zone Characterization to Groundwater

The Fiscal Year (FY) 1999 Detailed Work Plan includes vadose zone characterization for one of the liquid effluent sites at the 100 D Area. The planned objective of the characterization was to develop a distribution model of COCs in the vadose zone beneath one of the 100 D Area sites. As originally planned, the candidate site would be representative of a "worst case scenario" of contaminant distribution with depth, at a site with generally high effluent volume and high inventory of both radionuclide and non-radionuclide COCs. The initial candidate site was the 116-DR-1&2 unlined liquid waste disposal trenches. Then, for other sites at the 100 D Area, if no other information is available with depth, the "worst case" vadose zone characterization model developed from 116-DR-1&2 data would be used to define the shape, or trend of COC distribution with depth for purposes of site cleanup verification. If other relevant COC information with depth is available (e.g., Dorian and Richards study, or process knowledge), the deep zone model for a given site may be modified accordingly.

In light of current developments related to Cr(VI) in the deep vadose zone, other potential options for vadose zone characterization at the 100 D Area were discussed:

- Cr(VI) vadose zone distribution at depth at or near the 116-D-1A and 116-D-1B sites (unlined trench with relatively high process inventory of sodium dichromate.)
- Characterization at 116-D-7 and/or 116-DR-9 (lined retention basins.)

For the 116-D-1A and 116-D-1B sites (scheduled for remediation in FY00) it was agreed to wait until completion of the remedial action excavation and determination of Cr(VI) soil concentrations at the base of the excavation, to determine if separate characterization is warranted. Further, it was agreed that if Cr(VI) soil concentrations at the base of the excavation were below the soil RAG of 2.2 mg/kg (for groundwater and River protection), then these waste sites could be closed with respect to the Cr(VI) RAG.

For the 116-D-7 and 116-DR-9 waste sites, with the exception of Cr(VI), a vadose zone model has been developed utilizing current and historical data. As discussed above, Cr(VI) vadose zone concentrations with depth are being evaluated via the "pothole" efforts.

Based upon the above discussion, it was agreed to maintain the initial objectives of the vadose zone characterization and perform exploration activities at the 116-DR-1&2 waste sites.

Alternative methods for vadose zone characterization, such as borings versus test pits, were discussed. Both Glenn Goldberg and Wayne Soper agreed that either approach was acceptable as long as the objectives are met and the effort is efficient, cost and time effective. Due to depth to groundwater (13 m), at least one bench would be required to attain the required depth via a test pit. In addition, the resulting test pit excavation would be extensive laterally for safe layback. It was agreed that a boring at the bottom of the existing excavation, at a location with the highest radioactive activity, would satisfy the initial objectives. Wayne Soper of Ecology wanted to concur with the location, and other details of the boring, prior to proceeding with the work.

100-D Area Remedial Action Summary

(2/4 Meeting, 3350 @ Room 2B32)

116-D-7*Status:*

- Excavation of deep zone Cr(VI) plume to 1 meter has been completed
- Full protocol Cr(VI) results have been received from 3 of the 5 sample areas
- All 3 results are above 2.2 mg/kg. Cr(VI) in one sample is increasing with depth (i.e., from 2.9 to 4.7 mg/kg. The remaining two sample area results are below previous results but are above 2.2 mg/kg. See Attachment 1.

Option 1: Excavate Additional 1-Meter Lift

- One additional meter of excavation would be approximately 6,000 BCM
- Additional excavation depth would potentially cause problems with side-slope stability.
- Actual depth required is unknown.

Option 2: Sample at Depth Via Pot-Hole

- Pothole(s) could be excavated from the current floor of D7.
- Pot-hole depth would be determined by mechanical reach of excavator (approx. 5 m)
- Samples would be obtained from bucket and analyzed for Cr(VI) @ QTL protocol
- If Cr(VI) was elevated above 2.2 at depth, consider additional excavation and/or balancing factors.

100-D Area Boring / Test Pit*Potential Objectives of Investigation*

- Characterize distribution of all COCs in vadose zone
- Characterize distribution of radionuclides
- Characterize distribution of nonradionuclides (e.g., Cr(VI))
- Search for the Cr(VI) "Ore Body"

Alternative Methods

- Boring with samples taken from discrete intervals
- Test pit to groundwater (similar to C1)
- Multiple "potholes" excavated to mechanical reach of excavator

116-D-7 (Lined Retention Basin)

- Draft deep zone model has been prepared based on Dorian and Richards and in-process sampling results
- All cleanup verification samples have been taken and results are back. Preliminary 95% UCL is complete. Data validation completed.
- Radionuclide RAGs are attained based on preliminary RESRAD runs
- Except for Cr(VI) nonradionuclide RAGs are attained based on preliminary data
- Cr(VI) remains an issue
- If draft deep zone model acceptable, vadose zone characterization (i.e., test pit / borings) would focus primarily on Cr(VI)

116-DR-9 (Lined Retention Basin)

- Deep zone model is likely to parallel the D7 model based on Dorian and Richards data.
- Cleanup verification sampling will begin in the next two weeks.
- Radionuclides in the deep zone are likely to pass RAGs based on the deep zone model.
- Again, Cr(VI) would probably be the driver of vadose zone characterization.

116-DR-1 and -DR-2 (Unlined Process Effluent Trench)

- Dorian and Richards depth profile appears to be very similar to the 116-C-1 data set.
- Distribution of COCs seems to be somewhat independent of Kd.
- Process history is similar to C1
- 116-C-1 deep zone model could be used as the basis for the 116-DR-1 and -2 model.
- Concentrations would be adjusted based on actual cleanup verification data obtained from DR-1 and -2.
- Cleanup verification sampling is not scheduled until next FY.



Attachment 9

AIR 99-202

STATE OF WASHINGTON

DEPARTMENT OF HEALTH

DIVISION OF RADIATION PROTECTION

7171 Cleanwater Lane, Bldg. 5 • P.O. Box 47827 • Olympia, Washington 98504-7827

TDD Relay 1-800-833-6388

February 17, 1999

Mr. Dennis Faulk
U. S. Environmental Protection Agency
712 Swift Boulevard, Suite 5
Region 10
Richland, Washington 99352

Dear Mr. Faulk:

As discussed with my staff, we concur that the environmental air sampling being performed for the northern portion of the 100 B/C CERCLA activity be discontinued. As agreed, the environmental air samplers will be restarted prior to removal of the remainder of the underground piping, and no vehicle activity will be allowed on the areas until backfill is applied, and (if needed) minor soil sampling (using a trowel) may be conducted.

We would appreciate receiving the results of this sampling when it is completed.

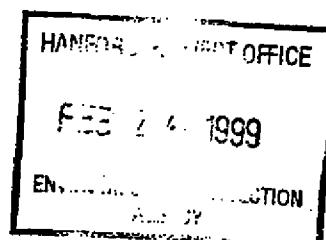
If you have any questions, please call me at (360) 236-3261, or John Schmidt at (509) 377-3827, or John Martell at (509) 377-3898, of my staff.

Sincerely,

Allen W. Conklin, Manager
Air Emissions and Defense Waste Section
Division of Radiation Protection

AWC/JS/JM/jr

cc: Doug Sherwood, EPA
Ron Skinnarland, Ecology
Jon Fancher, BHI
Art Ingle, DOE
Joan Woolard, BHI



SCALE 1:1500

15 0 15 30 60 METERS
1 cm = 15 meters

130.
x 579800
E

x 131
574100

D8-53
EXT WELL

TRANSFER PUMP-BUILDING
(NOT IN THIS SUBCONTRACT)

AIR MONITOR
STATION
SEE NOTE 11

108-54A
EXT WELL

108-54B
EXT WELL

107 D2

113 DR 1/2

- 133.7 100-D-19

136.0

EXCAVATION
BOTTOM
EL. 131.90

136.5

08-3
MON WELL

115-DR-1
115-DR-2

* 135.6
EXCAVATION
BOTTOM
EL. 131.06

136.2

135.7

107-02

115-DR-9
(107-DR)

EXCAVATION
BOTTOM
EL. 132.40

EXCAVATION
BOTTOM
EL. 132.32

136.9

SEPTIC TANK

107-02
EXCAVATION
BOTTOM
EL. 132.50

RAMP
SEE NOTE 12

EXCAVATION
BOTTOM
EL. 130.25

107-01

* 135.7

107-05

EXCAVATION
BOTTOM
EL. 132.10

HAUL ROAD
SEE NOTE 5

107-03

AIR-MONITOR
STATION
SEE NOTE 11

* 136.1

AIR MONITOR
STATION
SEE NOTE 11

* 135.2

Rem-F-Site 5 min
R.D. At Hart

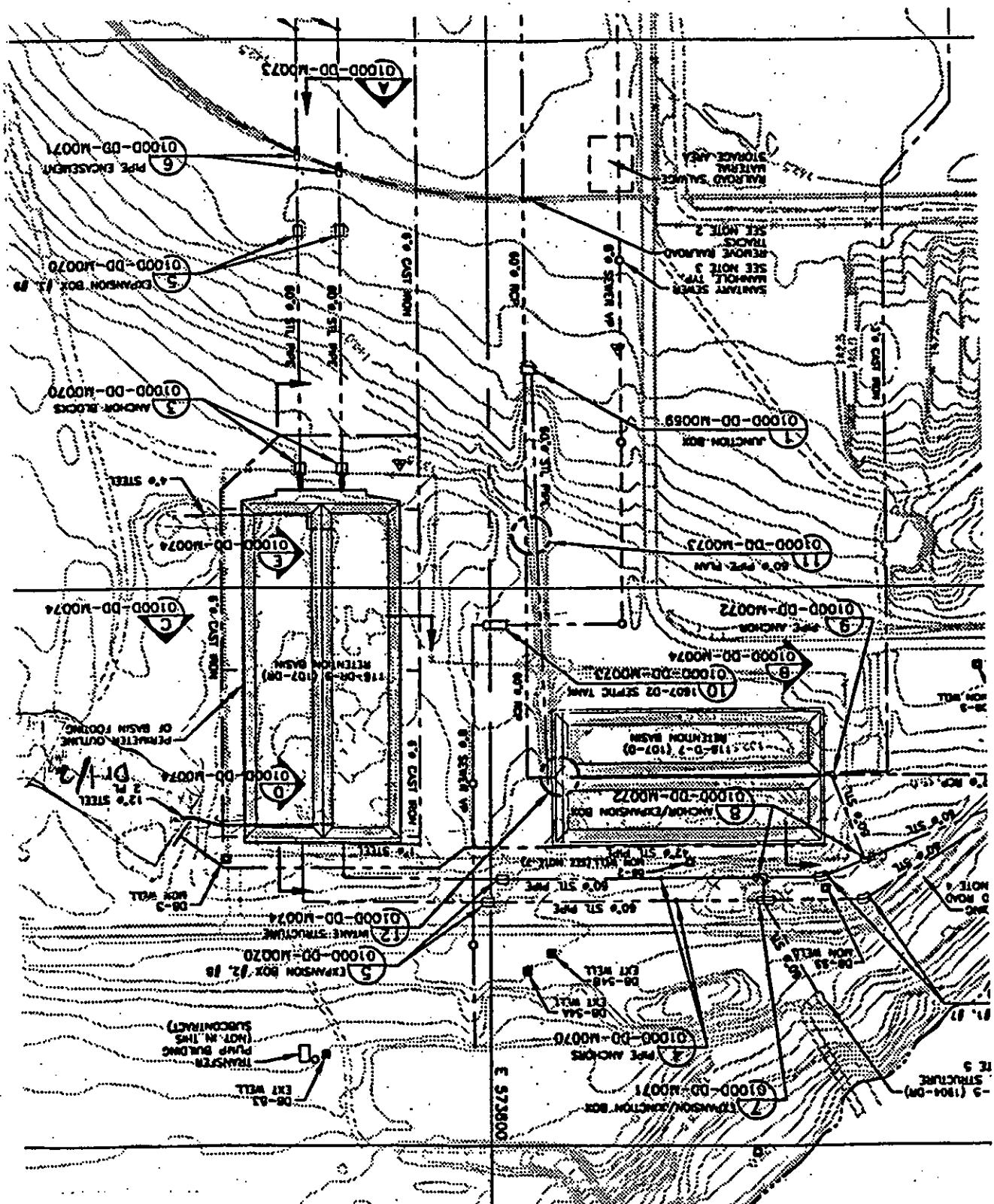
Proposed Y.L.C.

100-D-1
CLEAN SOIL
STORAGE AREA

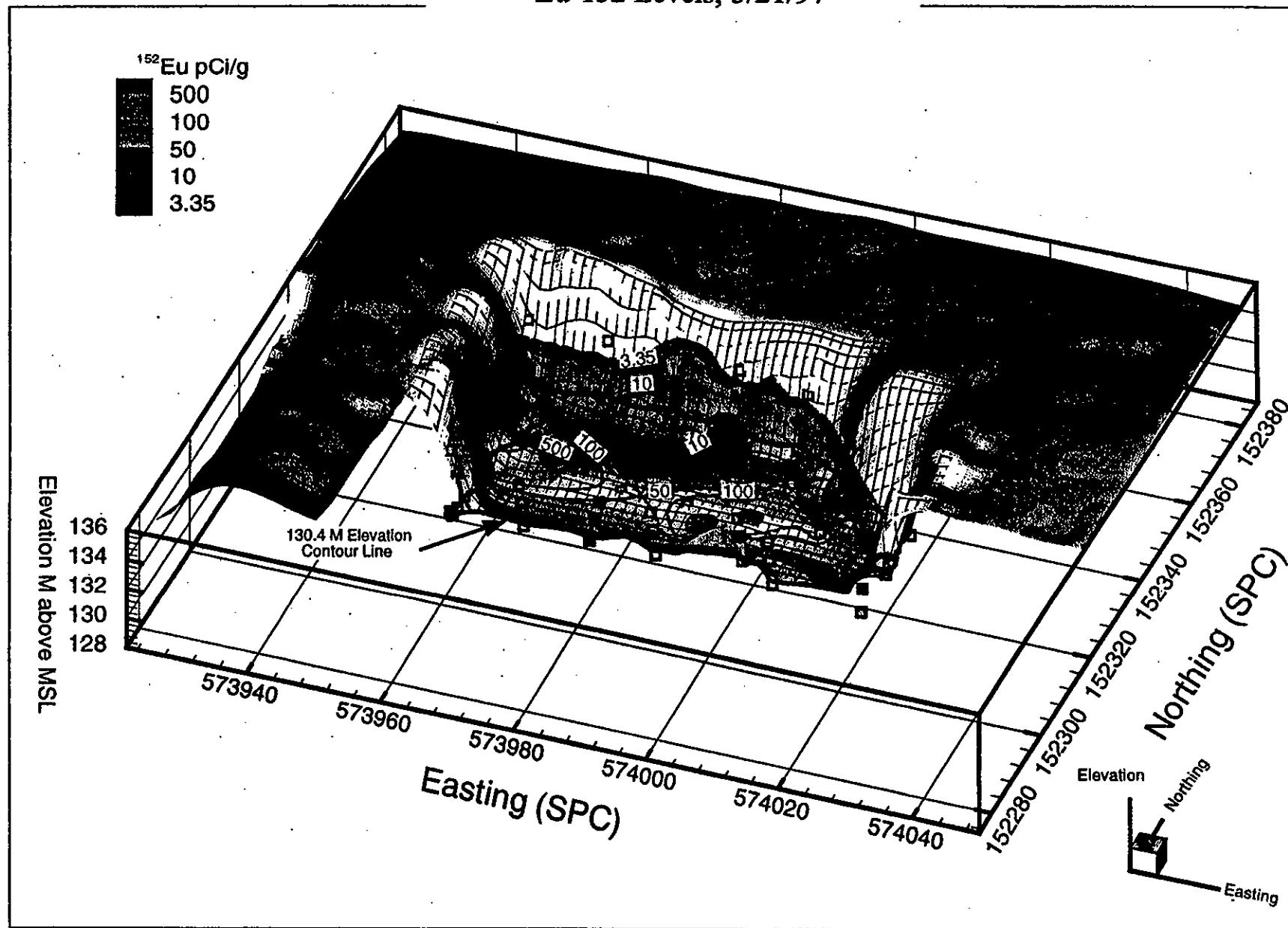
DECON
STATION

107-08

142.4



116-DR-1&2 Trench (north view)
Eu-152 Levels, 3/21/97



072370

Distribution

**Unit Managers' Meeting: Remedial Action Unit/Source Operable Units
100 and 300 Areas**

Mike Thompson.....	DOE-RL, RP (H0-12)
Glenn Goldberg.....	DOE-RL, RP (H0-12)
Owen Robertson	DOE-RL, RP (H0-12)
Robert McLeod.....	DOE-RL, RP (H0-12)
Bryan Foley.....	DOE-RL, RP (H0-12)
Ellen Mattlin.....	DOE-RL, EAP (A5-15)

Lisa Treichel.....	DOE-HQ (EM-442)
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Dennis Faulk	100 Aggregate Area Manager, WDOE (B5-01)
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Joan Bartz.....	WDOE (Kennewick) (B5-18)
Phil Staats.....	WDOE (Kennewick) (B5-18)
David Holland.....	WDOE (Kennewick) (B5-18)
Shri Mohan.....	WDOE (Kennewick) (B5-18)
Wayne Soper.....	WDOE (Kennewick) (B5-18)
Ted Wooley.....	WDOE (Kennewick) (B5-18)
Alex Stone.....	WDOE (Kennewick) (B5-18)
Gail Laws	WDOE (Kennewick) (B5-18)

Lynn Albin	Washington Dept. of Health
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Jeff James.....	BHI (L6-06)
Tamen Rodriguez.....	BHI (H0-17)
Chris Kemp	BHI (S3-20)
Amy Jones	BHI (H0-10)
Michelle Peterson.....	BHI (H0-10)
Jon Fancher	BHI (H9-02)
Joan Woolard	BHI (H0-02)
Rick Donahoe.....	BHI (H0-17)
Frank Corpuz.....	BHI (X9-06)
Rich Carlson.....	BHI (L6-06)
Alvin Langstaff.....	BHI (X3-40)
Larry Hulstrom.....	BHI (H9-03)
Linda Deitz	BHI (H0-20)
Alvina Goforth	BHI (H0-09) W/2
Fred Roeck.....	BHI (H0-17)
Mark. Sturges.....	CHI (X3-40)
Dave Blumenkranz.....	CHI (H9-02)
George Henckel	BHI (H0-19)
Phyllis Geiger	BHI (H0-19)

Please inform Tamen Rodriguez (372-9562) -- BHI
Of deletions or additions to the distribution list.